



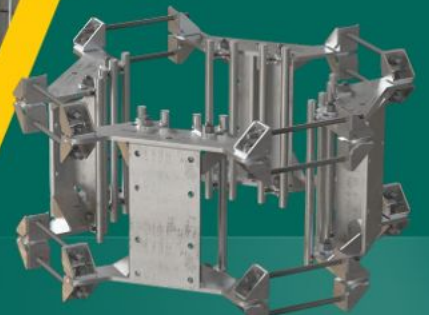
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TELECOM

VALMONT SITE PRO 1

Telecom Components

2025 Catalog



SitePro1.com

FLX Series™ Ring Mounts +
Fortress FlexMax™ Platform Mounts



A valmont COMPANY

We're the backbone of
the wireless industry.
Providing critical infrastructure
and enhancing connectivity.

From coast to coast, we are at your service.

Serving wireless carriers, contractors, and integrators since 2004, we are telecom's premier manufacturer and distributor of wireless site components.

You need it fast? We've got you covered.

Our nationwide warehouses are fully stocked and strategically located around the U.S. to facilitate the immediate shipment of your order. With the addition of our latest locations, we reach 99% of the U.S. within a single day.

With us, you're first.

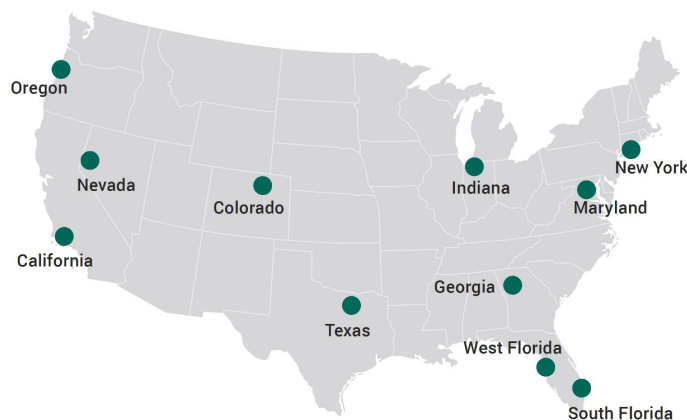
Everything we do is with our customers in mind, and providing an optimal experience is our top priority. Whether purchasing through our knowledgeable customer service team or our fast and secure website online, we guarantee that you will have a first-class experience.

Site Pro 1 Customer Support

1-888-438-7761

Valmont Telecom Customer Support

1-833-864-8353



Site Pro 1 Locations

- Hauppauge, NY
- Carrollton, TX
- Santa Fe Springs, CA
- Atlanta, GA
- Jupiter, FL
- Sparks, NV
- Plymouth, IN
- Tampa, FL
- Jessup, MD
- Salem, OR
- Aurora, CO

Valmont Telecom Locations

- Plymouth, IN
- Valley, NE
- Tucson, AZ
- Salem, OR
- Brenham, TX
- Colorado Springs, CO

SitePro1.com



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A unique combination of robust strength and structural fortification.

That's the reason we called it a Fortress.

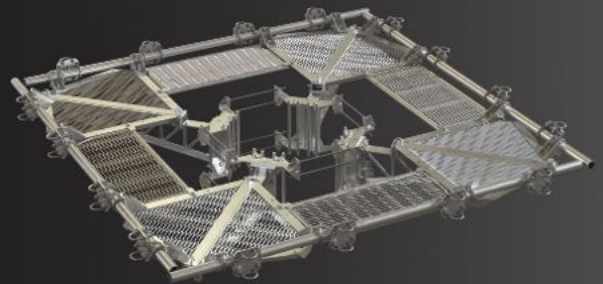
Like a fortress, our patent-pending design prioritizes not only strength but also safeguarding the integrity of the monopole structure itself.

The new Fortress FlexMax™ is engineered to handle modern, heavy equipment loads. Now, with our included patent-pending FLX Series™ Ring Mounts, the collar dynamically conforms to the unique shape of the monopole, significantly reducing localized stress and minimizing damage. This cutting-edge design ensures long-term structural integrity, enhances technician safety, and simplifies installation and maintenance.

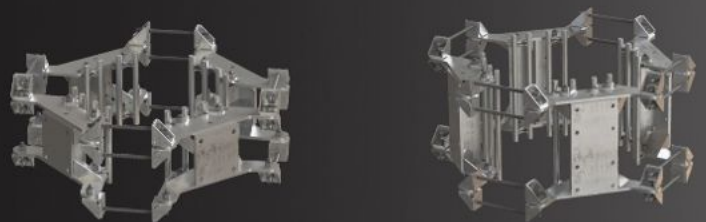
- Dynamically conforms to the unique shape of the monopole, optimizing load distribution
- Reduces localized stress and pole damage for improved structural integrity
- Uniquely designed to handle heavier, modern equipment loads with ease
- Enhanced safety for technicians with flush walkway and lack of sharp edges
- Eliminates the need for a second ring mount and reinforcement kit
- Extremely low EPA for minimal wind resistance and reduced stress on the structure



Tri-Sector Editions



Quad-Sector Editions





1995

Microflex™ Acquisition

Valmont® acquires Microflex™ with tower manufacturing facility and warehouse in Oregon.

2001

PIRod™ Acquisition

Valmont® acquires PIRod™ with components manufacturing facility and warehouse in Indiana.

2008

Site Pro 1® Acquisition

Valmont® acquires Site Pro 1® with components warehouses in New York, Georgia, and California.

2011 - 2016

Site Pro 1® Expansion

Site Pro 1® expands its footprint with new components warehouses in Texas and Florida.

2018

Larson™ Acquisition

Valmont® acquires Larson™ Concealment, telecom's concealment leader.

2019

Connect-It™ Wireless Acquisition

Valmont® acquires Connect-It™ Wireless with components warehouse in Florida.

2021

Site Pro 1® Expansion

Site Pro 1® expands its footprint with new components warehouse in Colorado.

2022

Site Pro 1® Expansion

Site Pro 1® expands its footprint with new components warehouse in Nevada and Maryland.

2022

ConcealFab® Acquisition


Valmont® and Ericsson® acquire ConcealFab®, industry leader in the small cell space.

2023-2025

Site Pro 1® Digital Transformation

Site Pro 1® launches warehouse automation initiatives, eCommerce overhaul and operational improvements.

Company Timeline



**I choose Site Pro 1
because of their fast
delivery, and they have
everything I need in stock.
My order experience was
excellent, and the product
quality was exceptional.**

Ramon R.

Customer from California

**"Site Pro 1 always has what I need and
products ship fast - please don't change,
keep doing what you are doing!"**

Russell B.

Customer from Maryland

**"Customer service was top tier - the Site Pro
1 staff was friendly and responded quickly
to take care of my order!"**

Becky M.

Customer from Indiana

**"I had an excellent order experience.
Checkout was quick and easy, and my order
arrived promptly."**

Cary L.

Customer from Florida

SitePro1.com/Testimonials

Specialty Guides

Browse our selection of specialty guides, including carrier-approved brochures, as well as resources for PIM mitigation, cable support solutions, and more.

PIM SHIELD®

Passive Intermodulation (PIM) Reduction Solutions

Cable Support
Product Guide

AT&T Approved
Product Guide



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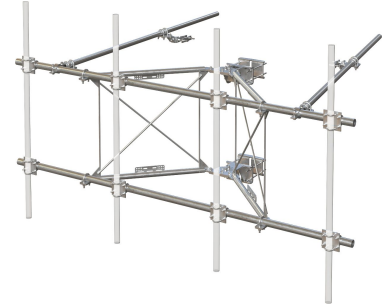
Tower Sites



XD Series™ V-Frames

Our XD Series™ V-frames are the strongest sector frames we've ever built, offering enhanced RF capabilities and featuring our innovative RRU QuickPlate™ pipe mount.

- Features BCAM™ Taper Adjustment System
- Feature our Quick-Plate™ for easy grounding and addition of RRU mounting pipes or unistrut
- Include stiff arm and hardware to mount 2-3/8" and 2-7/8" antenna mounting pipes (Sold Separately)
- Frames rotate for easy azimuth adjustment
- When ordering V-Frames for use with round chimney mounts or monopole direct frame connection kits add "-NLB" to the part number to get the frame without the leg bracket hardware
- AT&T RF Build Standard Compliant
- Contact us for load and engineering data



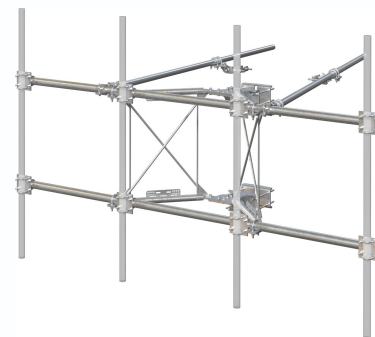
Part #	Face Width	Antenna Mounting Qty.	Stiff Arm Qty.	Mounts to Leg Sizes	Weight
VFA8-XDS	8'	N/A	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	656 lbs.
VFA8-XD	8'	N/A	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	750 lbs.
VFA10-XDS	10'	N/A	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	704 lbs.
VFA10-XD	10'	N/A	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	798 lbs.
VFA12-XDS	12'	N/A	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	729 lbs.
VFA12-XD	12'	N/A	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	822 lbs.
VFA14-XDS	14'	N/A	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	743 lbs.
VFA14-XD	14'	N/A	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	837 lbs.
VFA14-XD-5P	15'	N/A	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	854 lbs.

Part #	Description	Weight
BCAM-HDLL	BCAM™ Large Round Leg Adapter	134 lbs.
BCAM-HDLL-AA	BCAM™ Large Angle Leg Adapter	131 lbs.
BCAM-HD6XT	12° Taper Extension Plate	90 lbs.
VPM-K	V-Frame Pipe Mount Kit	21 lbs.

HD Series™ V-Frames

These HD Series™ V-frames are available with one or two stiff arms and feature our innovative BCAM™ Taper Adjustment System.

- Features BCAM™ Taper Adjustment System
- Feature our Quick-Plate™ for easy grounding and addition of RRU mounting pipes or unistrut
- Include stiff arm and hardware to mount 2-3/8" and 2-7/8" antenna mounting pipes (Sold Separately)
- Frames rotate for easy azimuth adjustment
- Contact us for load and engineering data
- When ordering V-Frames for use with round chimney mounts or monopole direct frame connection kits add "-NLB" to the part number to get the frame without the leg bracket hardware



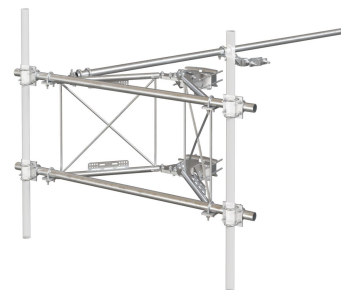
Part #	Face Width	Antenna Mounting Qty.	Stiff Arm Qty.	Mounts to Leg Sizes	Weight
VFA6-HD-S	7'-0"	2	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	522 lbs.
VFA6-HD	7'-0"	2	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	507 lbs.
VFA8-HD-S	9'-0"	3	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	552 lbs.
VFA8-HD	9'-0"	3	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	595 lbs.
VFA10-HD-S	10'-6"	4	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	590 lbs.
VFA10-HD	10'-6"	4	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	631 lbs.
VFA12-HD-S	12'-6"	4	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	595 lbs.
VFA12-HD	12'-6"	4	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	631 lbs.
VFA14-HD-S	14'-6"	4	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	595 lbs.
VFA14-HD	14'-6"	4	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	646 lbs.

Part #	Description	Weight
BCAM-HDLL	BCAM™ Large Round Leg Adapter	134 lbs.
BCAM-HDLL-AA	BCAM™ Large Angle Leg Adapter	131 lbs.
BCAM-HD6XT	12° Taper Extension Plate	90 lbs.
VPM-K	V-Frame Pipe Mount Kit	21 lbs.

SD Series™ V-Frames

These SD Series™ V-frames are available with one or two stiff arms and feature our innovative BCAM™ Taper Adjustment System.

- Features BCAM™ Taper Adjustment System
- Feature our Quick-Plate™ for easy grounding and addition of RRU mounting pipes or unistrut
- Round-member face offers lower wind resistance
- Frames rotate for easy azimuth adjustment
- Include stiff arm(s) and hardware to mount 2-3/8" antenna mounting pipes (Sold Separately)
- Contact us for load and engineering data
- When ordering V-Frames for use with round chimney mounts or monopole direct frame connection kits add "-NLB" to the part number to get the frame without the leg bracket hardware



Part #	Face Width	Antenna Mount Hardware	Stiff Arm Qty.	Mounts to Leg Sizes	Weight
VFA6-SD-S	7'-0"	2	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	366 lbs.
VFA6-SD	7'-0"	2	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	441 lbs.
VFA8-SD-S	9'-0"	3	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	387 lbs.
VFA8-SD	9'-0"	3	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	472 lbs.
VFA10-SD-S	10'-6"	4	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	460 lbs.
VFA10-SD	10'-6"	4	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	498 lbs.
VFA12-SD-S	12'-6"	4	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	426 lbs.
VFA12-SD	12'-6"	4	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	509 lbs.
VFA14-SD-S	14'-6"	4	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	500 lbs.
VFA14-SD	14'-6"	4	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	528 lbs.

Part #	Description	Weight
BCAM-SDLL	BCAM™ Large Round Leg Adapter	114 lbs.
BCAM-SDLL-AA	BCAM™ Large Angle Leg Adapter	115 lbs.
VPM-K	V-Frame Pipe Mount Kit	21 lbs.

Pipe V-Style Sector Frame Stabilizer Kits

These V-style sector frame stabilizer kits provide additional support to existing sector frames.

- Pipe bracing for reduced wind area
- Fits 2-3/8" or 2-7/8" OD crossarms
- Universal mounting; round legs from 1" - 8", 60° angle legs from 1-1/2" - 8", and 90° angles 1-1/2" - 6"
- Large-Leg Adapter Kit available for round legs up to 12-3/4", 60° angle legs up to 12", and 90° angle legs up to 8-1/2"
- Contact us for load and engineering data



Part #	Stabilizer Direction	Stabilizer Material	Stand-Off Distance	Weight
VSK-TH	Horizontal	Pipe	24" to 36"	98 lbs.
VSK-TH-L	Horizontal	Pipe	36" to 48"	120 lbs.
VSK-TV	Vertical	Pipe	24" to 36"	100 lbs.
VSK-TV-L	Vertical	Pipe	36" to 48"	118 lbs.

Part #	Description	Weight
TAM-LL	Large Leg Adapter Kit for Tower Mounts & Reinforcement Kits	39 lbs.



Angle Sector Frame Stabilizer Kits

These sector frame stabilizer kits add additional support to existing sector frames.

- The maximum additional normal load capacity gained is 1,050 lb, the maximum additional tangential load capacity gained is 300 lb, and the maximum additional dead load capacity is 0 lb
- Universal mounting; round legs from 1" - 8", 60° angle legs from 1-1/2" - 8", and 90° angles 1-1/2" - 6"
- Large-leg adapter kit available for round legs up to 12-3/4", 60° angle legs up to 12", and 90° angle legs up to 8-1/2"
- Contact us for load and engineering data



Part #	Stabilizer Direction	Stabilizer Material	Stand-Off Distance	Weight
SFS-H	Horizontal	Angle	24" to 36"	67 lbs.
SFS-H-L	Horizontal	Angle	36" to 48"	77 lbs.
SFS-V	Vertical	Angle	24" to 36"	66 lbs.
SFS-V-L	Vertical	Angle	36" to 48"	77 lbs.

Part #	Description	Weight
TAM-LL	Large Leg Adapter Kit for Tower Mounts & Reinforcement Kits	39 lbs.



Pipe V-Style Sector Frame Reinforcement Kits

These universal V-style sector frame reinforcement kits provide extra capacity to existing sector frames for mounting RRU's.

- Provide both vertical and horizontal reinforcement
- Pipe bracing for reduced wind area
- Fits 2-3/8" or 2-7/8" OD crossarms
- Universal mounting; round legs from 1" - 8", 60° angle legs from 1-1/2" - 8", and 90° angle legs from 1-1/2" - 6"
- Large-leg adapter kit available for round legs up to 12-3/4", 60° angle legs up to 12", and 90° angle legs up to 8-1/2"
- Contact us for load and engineering data



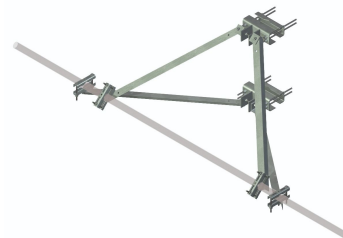
Part #	Stabilizer Direction	Stand-Off Distance	Weight
VSK-SFR	Horizontal and Vertical	24" to 36"	200 lbs.
VSK-SFR-L	Horizontal and Vertical	36" to 48"	236 lbs.

Part #	Description	Weight
TAM-LL	Large Leg Adapter Kit for Tower Mounts & Reinforcement Kits	39 lbs.

Angle Sector Frame Reinforcement Kits

These universal sector frame reinforcement kits provide extra capacity to existing sector frames for mounting RRU's.

- Provide both vertical and horizontal reinforcement
- Large-Leg Adapter Kit available for round legs up the 12-3/4", 60° angle legs up to 12", and 90° angle legs up to 8-1/2"
- Contact us for load and engineering data



Part #	Stabilizer Direction	Stand-Off Distance	Weight
SFR-K	Horizontal and Vertical	24" to 36"	132 lbs.
SFR-K-L	Horizontal and Vertical	36" to 48"	153 lbs.

Part #	Description	Weight
TAM-LL	Large Leg Adapter Kit for Tower Mounts & Reinforcement Kits	39 lbs.

Universal Horizontal Support Rail Brace Kit

This universal horizontal support rail brace kit is used to reinforce platform support rails.

- Kit includes hardware required for use with up to 4-1/2" pipe stiff arm
- Fits platform support rails up to 6" square tube
- Purchase 2-3/8" pipe separately
- Hot-dip galvanized

Part #	Weight
HSRB-U	135 lbs.



Tower Platform Reinforcement Kit

This tower platform reinforcement kit provides extra capacity to tower platforms.

- Universal designs provide extra capacity to tower platforms or standoff arms
- Provide vertical reinforcement only
- Fit round legs 1-1/2" to 4-1/2" OD, 60° angle legs from 1-1/2" to 4-1/2", and 90° angle legs from 1-1/2" to 3"
- Fit round or square tube Stand-Off arms 1-1/2" to 5"
- Use PRK-FMA for tower platform reinforcement, PRK-FMA1 for standoff arm reinforcement



Part #	Sectors	Horizontal Connection	Angle Size	Weight
PRK-FMA	3	5" x 5" Max	2L 2-1/2" x 2-1/2" x 3/16" x 84"	330 lbs.



Bogner Mount

This heavy-duty 6' side arm mount can handle even the most extreme loading conditions.

- Features BCAM™ Taper Adjustment System
- Mounts to 1-1/2" - 9-1/2" round and 3" - 6" angle legs
- Large leg adapter kits available
- Mount pivots for easy azimuth adjustment
- Includes stiff arm
- 3-1/2" x 52" vertical mast
- Rated for 500 lb live load
- HD version available upon request



Part #	Weight
BOG6-SD	517 lbs.

Part #	Description	Weight
BCAM-SDLL	BCAM™ Large Round Leg Adapter	114 lbs.
BCAM-SDLL-AA	BCAM™ Large Angle Leg Adapter	115 lbs.



Heavy-Duty Stand-Off Mounts

These heavy-duty stand-off mounts work on towers, monopoles, and buildings.

- Is a one-piece welded design
- Constructed from Schedule 40 pipe
- Standard versions mount to 1-1/2" - 4-1/2" OD members
- Large leg adapter kits available
- Mount is hot-dip galvanized
- Turning ring on HS6 allows bracket to rotate for service
- Maximum taper adjustment is 3.8 degrees based upon 45" spacing of mounting brackets



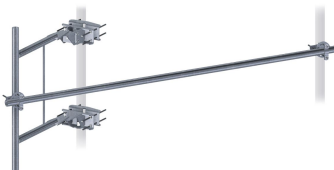
Part #	Stand-Off	Mast Size	Weight
HS4-K	4'	2-3/8" x 38"	245 lbs.
HS6-K	6'	3-1/2" x 42-1/2"	291 lbs.

Part #	Description	Weight
LLEG-K	Large Leg Adapter Kit for Tower Mounts	74 lbs.

Stand-Off Mounts

These stand-off mount kits provide clearance from the tower leg.

- Features the BCAM™ Taper Adjustment System
- Round-member face offers lower wind resistance
- Mounts to 1-1/2" - 9-1/2" round and 3" - 6" angle legs; for larger members add the BCAM-SDLL kit
- Mounts rotate for easy azimuth adjustment
- Stiff arm included
- 2-3/8" x 50" vertical mast
- Rated for 250 lb live load



Part #	Stand-Off	Weight
PSA3	3'	120 lbs.
PSA6	6'	182 lbs.

Part #	Description	Weight
BCAM-SDLL	BCAM™ Large Round Leg Adapter	114 lbs.
BCAM-SDLL-AA	BCAM™ Large Angle Leg Adapter	115 lbs.

Lightweight Stand-Off Mounts

These lightweight stand-off mount kits provide clearance from the tower leg.

- One piece welded design
- 1-1/2" (1.9" OD) schedule 40 pipe construction
- Hot-dip galvanized
- Fit pipe up to 4-1/2" OD, 60° angle up to 4-1/2", or 90° angle up to 3"

Part #	Stand-Off	Mast Pipe	Weight
S2-K	2'	24"	26 lbs.
S3-K	3'	24"	30 lbs.
S4-K	4'	38"	42 lbs.



Panel Antenna Stand-Off Mounts

These versatile panel antenna mounts work on towers, monopoles, and buildings.

- Is a one-piece welded design
- Hot-dip galvanized
- Mounting hardware needs to be purchased separately



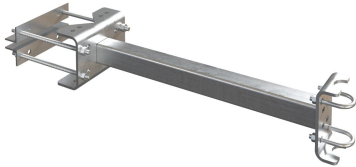
Part #	Stand-Off	Antenna Pipe Size	Mounting Pipe Size	Pipe Diameter	Weight
PM1	1'	120"	60"	2-3/8" OD	65 lbs.
PM2	2'	120"	48"	2-3/8" OD	71 lbs.
PM1-278	1'	120"	60"	2-7/8" OD	100 lbs.
PM2-278	2'	120"	60"	2-7/8" OD	112 lbs.



Universal Side-Arm Mount

This universal side-arm mount stands 3' off the tower.

- Mounts to round legs 1-3/4" - 8-5/8", angles 2-1/2" - 6"
- Accommodates leg slopes of 9:1 (6.3°), 12:1 (4.8°), 16:1 (3.6°), or vertical
- Kit includes u-bolts and all hardware.-
- Accepts 2-3/8" OD antenna mounting pipes



Part #	Weight
USA3	61 lbs.

R6 Heavy-Duty Universal Pipe Mount Kit

This heavy-duty universal pipe mount kit is used for difficult tower attachments.

- Heavy-duty sliding brackets for difficult tower attachments
- Includes 4-1/2" x 72" antenna mounting pipe
- Easy taper adjustment of up to 5.7° (based on 30" spacing of brackets)
- Fits round leg sizes 1-1/2" to 9-1/2" diameter and angle sizes 3" to 6"
- Large leg adapter kits available



Part #	Pipe	Weight
R6	4-1/2" x 72"	264 lbs.

Part #	Description	Weight
BCAM-HDLL	BCAM™ Large Round Leg Adapter	134 lbs.
BCAM-HDLL-AA	BCAM™ Large Angle Leg Adapter	131 lbs.
BCAM-HD6XT	12° Taper Extension Plate	90 lbs.

R5 Standard-Duty Universal Pipe Mount Kit

These standard-duty sliding brackets are used for even the most difficult tower attachments.

- R5 and R5-LL include 4-1/2" x 72" Antenna Mounting Pipe; R5-UP version includes hardware for mounting 1-1/2" to 4-1/2" OD Antenna Mounting Pipes, but no Pipe
- Easily adjustable taper up to 5.7° (based on 30" spacing of brackets)
- Kits include U-Bolts and all hardware

Part #	Pipe	Weight
R5	4-1/2" x 72"	144 lbs.
R5-LL	4-1/2" x 72"	250 lbs.
R5-UP	No Pipe Included; Accepts Antenna Mounting Pipes 1-1/2" to 4-1/2"	80 lbs.

Part #	Description	Weight
LLEG-K	Large Leg Adapter Kit for Tower Mounts	74 lbs.
R5-REINF	R5 Heavy-Duty Universal Reinforcement Kit	34 lbs.



Sliding Universal Tapered Pipe Mounts

These sliding brackets are used for even the most difficult tower attachments.

- Easily adjustable taper up to 6° in 3/4° increments
- Offers universal mounting; round legs from 1" to 8", 60° angle legs from 1-1/2" to 8", and 90° angles 1-1/2" to 6"
- Kits include U-Bolts and all hardware

Part #	Pipe OD	Stand-Off	Weight
TAM-2U	2-3/8" and 2-7/8"	1'	86 lbs.
TAM-2U-L	2-3/8" and 2-7/8"	2'	115 lbs.
TAM-3U	3-1/2" and 4-1/2"	1'	100 lbs.
TAM-3U-L	3-1/2" and 4-1/2"	2'	115 lbs.

Part #	Description	Weight
TAM-LL	Large Leg Adapter Kit for Tower Mounts & Reinforcement Kits	39 lbs.



Universal Tapered Pipe Mount

These universal mounts adjust to fit pipe or angle legs and most common face tapers.

- 2-3/8" or 4-1/2" OD x 63" Pipe Mounts
- Easily adjust for taper up to 6° in 3/4° increments
- Universal mounting; round legs from 1" to 8", 60° angle legs from 1-1/2" to 8", and 90° angles 1-1/2" to 6"
- Large-Leg Adapter Kit available for round legs up to 12-3/4", 60° angle legs up to 12", and 90° angles up to 8-1/2"

Part #	Pipe Size	Stand-Off	Weight
ADP238-U	2-3/8" x 63"	14"	115 lbs.
ADP-U	4-1/2" x 63"	15-1/2"	119 lbs.

Part #	Description	Weight
TAM-LL	Large Leg Adapter Kit for Tower Mounts & Reinforcement Kits	39 lbs.



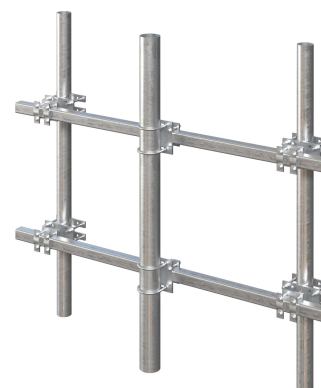
Universal Tubular-Arm Pipe Mounts

These universal tubular-arm pipe mounts allow transmission lines to run between the tower and mounting arms.

- For use on non-tapered tower sections
- Cross arms are 2-1/2" x 2-1/2" x 80", 3/16" (wall) square structural tubing
- 4-1/2" x 72" antenna mounting pipe included in TAP-472
- Hot-dip galvanized after fabrication
- Fit leg sizes 7/8" to 5"



Part #	Weight
TAP-472	240 lbs.
TAP-NP	177 lbs.
TAP-PM	32 lbs.
TAP-LM	68 lbs.



Compact Tower Mounts

These antenna mounting pipes stand 14-1/8" off tower; antenna separation is 21-5/8".

- 0° - 30° down tilt adjustment
- Accept 2-3/8" OD, 2-7/8" OD, and 3-1/2" OD Antenna Mounting Pipes
- Purchase Antenna Mounting Pipes separately
- Each kit is one sector
- Contact us for load and engineering data



Part #	Leg Size	Weight
CWT01	Round legs 1-1/2" to 4-1/2" Angle legs up to 3"	119 lbs.
CWT01-LL	Round legs 2-1/2" to 10-3/4" Equal angle legs 2" to 8"	138 lbs.
CWT02	Round legs 1-1/2" to 4-1/2" Angle legs up to 3"	130 lbs.
CWT02-LL	Round legs 2-1/2" to 10-3/4" Equal angle legs 2" to 8"	160 lbs.
CWT8	Round legs 1-1/2" to 4-1/2" Angle legs up to 3"	91 lbs.
CWT8-LL	Round legs 2-1/2" to 10-3/4" Equal angle legs 2"-8"	110 lbs.



Side-By-Side Antenna Mount

This mount is used to attach two antennas in a side-by-side configuration.

- Fits pipes 2-3/8" -4-1/2" OD
- Hot-dip galvanized

Part #	Weight
SBS1-1418	95 lbs.



Full Universal RRU Mount

This universal RRU mount enables the mounting of up to two remote radio units (RRU's).

- Universal design mounts 2 RRU's up to 20" wide
- Adjustable width from 0" to 8-1/2"
- Universal mounting, round legs from 2-3/8" to 8", 60° angle legs from 2-1/2" to 8", and 90° angle legs from 2" to 6"
- Large-leg adapter kit available for up to 12-3/4" diameter or 3" to 8" angles
- Easy installation



Part #	Weight
RRU-FU2	51 lbs.

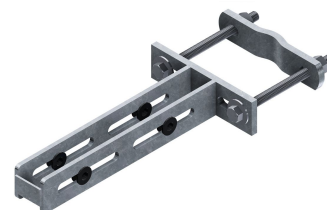
Part #	Description	Weight
LLEG-K	Large Leg Adapter Kit for Tower Mounts	74 lbs.



TMA Bracket

This TMA bracket is used for mounting tower mounted amplifiers.

- Includes universal mounting hardware for 2-3/8" to 4-1/2" OD legs
- Galvanized steel bracket with rubber grommets to avoid PIM issues with dissimilar metals

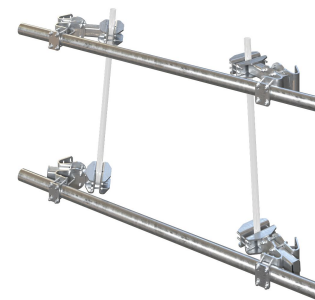


Part #	Weight
PB-TMA-K	7 lbs.

Universal Face Pipe Mount Assembly

These universal mounts are designed for even the most difficult face mount applications.

- Easily adjustable taper up to 8° (based on 60" spacing of brackets)
- Work with face pipes 2-7/8", 3-1/2", or 4-1/2" OD
- Attach to 1-1/2" to 9-1/2" round members or 3" to 6" angles
- Add FACE-LLEG for larger leg sizes (round legs 9-1/2" to 16" dia, 90° angle legs 6" to 11", or truss legs up to 12")
- Four FACE-LLEG required for FACE-ASY1



Part #	Sectors	Face Pipes	Weight
FACE-ASY1-30126	One	(2) 2-7/8" x 10'-6"	660 lbs.
FACE-ASY1-3126	One	(2) 3-1/2" x 10'-6"	690 lbs.
FACE-ASY1-4126	One	(2) 4-1/2" x 10'-6"	755 lbs.
FACE-ASY1-NP	One	None	530 lbs.
FACE-ASY3-30126	Three	(6) 2-7/8" x 10'-6"	1236 lbs.
FACE-ASY3-3126	Three	(6) 3-1/2" x 10'-6"	1327 lbs.
FACE-ASY3-4126	Three	(6) 4-1/2" x 10'-6"	1530 lbs.
FACE-ASY3-NP	Three	None	850 lbs.
FACE-ASY4-30126	Four	(8) 2-7/8" x 10'-6"	1651 lbs.
FACE-ASY4-3126	Four	(8) 3-1/2" x 10'-6"	1772 lbs.
FACE-ASY4-4126	Four	(8) 4-1/2" x 10'-6"	2043 lbs.
FACE-ASY4-NP	Four	None	1134 lbs.

Part #	Description	Weight
FACE-LLEG	Large Leg Adapter Kit	76 lbs.
FACE-PM	Pipe Mount Attachment Kit	52 lbs.

Tower Face Support

These kits offer a versatile tieback solution for microwave dishes, making them the ideal choice for situations where the tieback length is insufficient.

- Attaches to round (1.75" - 14" O.D.), angle (2.5" - 10" : 90 deg. and 2.5" - 14" : 60 deg.), #12 PiROD™ truss (12" C-C), and tapered tower legs
- Includes 3-1/2" O.D. Pipe
- Strut support bracket accepts up to 5/8" dia. hardware
- Hot-dip galvanized steel construction



Part #	Pipe	Weight
TFS-3126	3-1/2" O.D. x 126"	234 lbs.
TFS-3174	3-1/2" O.D. x 174"	265 lbs.
TFS-3252	3-1/2" O.D. x 252"	324 lbs.
TFS-NP	Order Separately	153 lbs.

Tower Leg Support

This universal tower leg support kit is ideal for creating a new vertical or horizontal connection.

- Attaches to round (1.75" - 14" O.D.), angle (2.5" - 10" : 90 deg. and 2.5" - 14" : 60 deg.), #12 PiROD™ truss (12" C-C), and tapered tower legs
- Includes clamp halves
- Flip channel brackets for angle legs
- Hot-dip galvanized steel construction



Part #	Pipe	Weight
TLS-U	Order Separately	68 lbs.

Microwave Strut Support

This universal microwave strut support comes with three attachment points for tiebacks.

- Attaches to 1.9" - 4.5" O.D. members
- Holes accept 5/8" dia. hardware
- Hot-dip galvanized steel construction

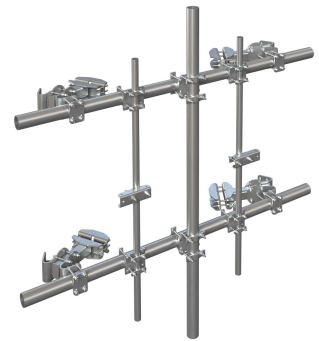


Part #	Attachment	Weight
MSS-U	1.9" - 4.5" O.D.	12 lbs.

10' Face Microwave Mount

These face microwave mounts are available with strut supports and a variety of face pipe lengths to fit virtually any tower.

- Attach to 1-1/2" to 9-1/2" round members or 3" to 6" angles
- Includes double strut supports
- Features FACE™ mount adjustability
- Hot-dip galvanized steel construction
- Add FACE-LLEG for larger leg sizes (round legs 9-1/2" to 16" dia, 90° angle legs 6" to 11", or truss legs up to 12")



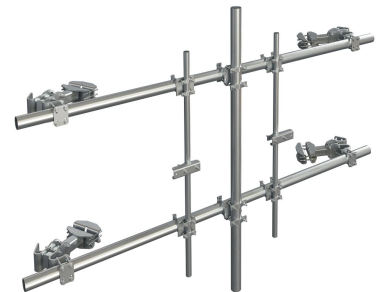
Part #	Horizontal Pipe	# of Struts	Weight
FMW10-30DS	2-7/8" O.D. x 126"	2	1036 lbs.
FMW10-3DS	3-1/2" O.D. x 126"	2	1082 lbs.
FMW10-4DS	4-1/2" O.D. x 126"	2	1183 lbs.
FMW10-30SS	2-7/8" O.D. x 126"	1	962 lbs.
FMW10-3SS	3-1/2" O.D. x 126"	1	1007 lbs.
FMW10-4SS	4-1/2" O.D. x 126"	1	1108 lbs.
FMW10-30	2-7/8" O.D. x 126"	0	822 lbs.
FMW10-3	3-1/2" O.D. x 126"	0	852 lbs.
FMW10-4	4-1/2" O.D. x 126"	0	920 lbs.

Part #	Description	Weight
FACE-LLEG	Large Leg Adapter Kit	76 lbs.
FACE-PM	Pipe Mount Attachment Kit	52 lbs.

14' Face Microwave Mount

These face microwave mounts are available with strut supports and a variety of face pipe lengths to fit virtually any tower.

- Attach to 1-1/2" to 9-1/2" round members or 3" to 6" angles
- Includes double strut supports
- Features FACE™ mount adjustability
- Hot-dip galvanized steel construction
- Add FACE-LLEG for larger leg sizes (round legs 9-1/2" to 16" dia, 90° angle legs 6" to 11", or truss legs up to 12")



Part #	Horizontal Pipe	# of Struts	Weight
FMW14-30DS	2-7/8" O.D. x 126"	2	1095 lbs.
FMW14-3DS	3-1/2" O.D. x 126"	2	1172 lbs.
FMW14-4DS	4-1/2" O.D. x 126"	2	1313 lbs.
FMW14-30SS	2-7/8" O.D. x 126"	1	1020 lbs.
FMW14-3SS	3-1/2" O.D. x 126"	1	1098 lbs.
FMW14-30	2-7/8" O.D. x 126"	0	861 lbs.
FMW14-3	3-1/2" O.D. x 126"	0	913 lbs.
FMW14-4	4-1/2" O.D. x 126"	0	1005 lbs.

Part #	Description	Weight
FACE-LLEG	Large Leg Adapter Kit	76 lbs.
FACE-PM	Pipe Mount Attachment Kit	52 lbs.

20' Face Microwave Mount

These face microwave mounts are available with strut supports and a variety of face pipe lengths to fit virtually any tower.

- Attach to 1-1/2" to 9-1/2" round members or 3" to 6" angles
- Includes double strut supports
- Features FACE™ mount adjustability
- Hot-dip galvanized steel construction
- Add FACE-LLEG for larger leg sizes (round legs 9-1/2" to 16" dia, 90° angle legs 6" to 11", or truss legs up to 12")



Part #	Horizontal Pipe	# of Struts	Weight
FMW20-30DS	2-7/8" O.D. x 126"	2	1086 lbs.
FMW20-3DS	3-1/2" O.D. x 126"	2	1161 lbs.
FMW20-4DS	4-1/2" O.D. x 126"	2	1297 lbs.
FMW20-30SS	2-7/8" O.D. x 126"	1	1012 lbs.
FMW20-3SS	3-1/2" O.D. x 126"	1	1087 lbs.
FMW20-4SS	4-1/2" O.D. x 126"	1	1222 lbs.
FMW20-30	2-7/8" O.D. x 126"	0	937 lbs.
FMW20-3	3-1/2" O.D. x 126"	0	1012 lbs.
FMW20-4	4-1/2" O.D. x 126"	0	1147 lbs.

Part #	Description	Weight
FACE-LLEG	Large Leg Adapter Kit	76 lbs.
FACE-PM	Pipe Mount Attachment Kit	52 lbs.

2-3/8" Face Strut Pipe Kit

This universal face strut pipe kit allows additional tiebacks to be added.

- Attaches to 1.5" - 4.5" O.D. members
- Includes 2-3/8" O.D. x 96" pipe
- Strut support bracket accepts up to 5/8" dia. hardware
- Hot-dip galvanized steel construction



Part #	Mount Pipe	Round Member Size	Weight
FSP296-K	2-3/8" O.D. x 96"	1.5" - 4.5" O.D.	75 lbs.

Double Antenna Clamp

The double antenna clamp allows two antennas to be supported by one pipe.

- Accepts mounting pipes 1-1/2" -3-1/2"
- Kit includes two clamp sets and hardware

Part #	Qty.	Weight
DAC	Kit of 2	25 lbs.



Universal Tri-Sector Mount Kit

These universal tri-sector mount kits allow for the attachment of three panel antennas to a single pipe mast.

- Kit includes two brackets with hardware for attaching 2-3/8", 2-7/8", and 3-1/2" OD antenna mounting pipes (sold separately)
- Fits round members 2-7/8" to 6-5/8" OD

Part #	Weight
UTSM	48 lbs.
UTSM-L	46 lbs.



Universal Cable Support Clamp Kit

This product provides a robust face mounting solution for cable support on self-supporting and guyed towers.

- Can be used as a tie-back point
- Pipe or angle sold separately
- 1,350 lbs. weight capacity with a 10' span



Part #	Leg Size	Weight
CSC-U	2-3/8" - 8-5/8" Round	54 lbs.



V-Clamp™ Series Tower Leg Hangers

These tower leg hanger brackets are used for cabling support and made from galvanized steel.

- Fits 1.9" to 4.5" Dia. Round Legs
- Fits 2" to 3.5" 90 deg. Angle Legs
- Accepts 1/4" Shackles (Included in some kits)
- 2,400 lb vertical factored dead load per tab



Part #	# of Tabs	# of Shackles	Weight
CHB-DCP2	2	2	9 lbs.
CHB-DCP4	4	4	11 lbs.



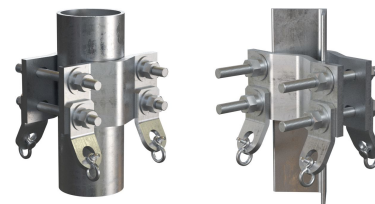
Wide V-Clamp™ Series Tower Leg Hangers

These tower leg hanger brackets are used for cabling support and made from galvanized steel.

- Fits 1.9" to 4.5" Dia. Round Legs
- Fits 2" to 3.5" 90 deg. Angle Legs
- Accepts 1/4" Shackles (Included in some kits)
- 2,400 lb vertical factored dead load per tab



Part #	# of Tabs	# of Shackles	Weight
CHB-DVC2	2	2	18 lbs.
CHB-DVC4	4	4	20 lbs.



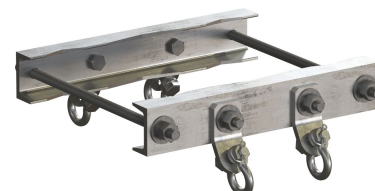
Tower Leg Cable Support Brackets

These tower leg hanger brackets provide reliable cable support for large legs and are constructed from galvanized steel channel.

- Compatible with 2.375"-12" OD and PiRod Truss Leg #12BD
- Available with 2 or 4 shackles
- Load capacity of 4,000 lbs



Part #	Shackles	Weight
CHB-LL2	2	27 lbs.
CHB-LL4	4	32 lbs.



Universal Sliding Pipe Stiff Arm Assemblies

These sliding pipe tie-back assemblies are used to stabilize sector frames.

- Includes with 2-3/8" by 10'-6" pipe
- Leg bracket fits round legs from 1-1/2" to 8-5/8" OD, 60° angle legs up to 8", and 90° angle legs up to 6"
- Universal sector frame attachment hardware fits 1-1/2" to 5" OD



Part #	Weight
SPTB	89 lbs.
SPTB278	113 lbs.

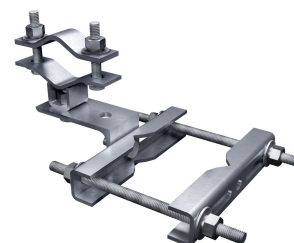


Universal Stiff Arm Leg Attachment Kits

This versatile kit provides a stiff arm attachment point to a wide range of tower legs.

- Pivoting design for ease of installation in even the most difficult applications
- Attach to round or angle members
- All hardware included

Part #	Application	Stiff Arm Size	Weight
SAM-U	1" to 6" Round, 1" to 6" 60° Angles, 1" to 4" 90° Angles	2-3/8" OD	9 lbs.

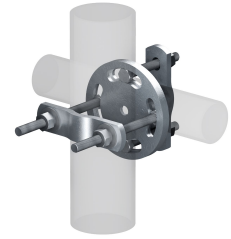


Adjustable Clamp Plate Assembly

This clamp plate is adjustable to enable stiff arm attachment in difficult applications.

- Drop-forged design for increased strength and durability
- Hot-dip galvanized
- All hardware included
- Angle adjusts from 40° to 140°

Part #	Application	Weight
PUCK	7/8" to 3-1/2" OD	6 lbs.



Large Leg Adapter Kit for Tower Mounts & Reinforcement Kits

This kit enables the attachment of tower mounts and reinforcement kits to larger legs.

- Attaches to round legs up to 12-3/4", 60° angle legs up to 12", and 90° angle legs up to 8-1/2".

Part #	Weight
TAM-LL	39 lbs.



Large Leg Adapter Kit for Tower Mounts

This kit enables the attachment of tower mounts to large pipe and angle.

- Attaches to tubular legs 4-3/4" to 10-3/4" and angle legs 3" to 8".

Part #	Weight
LLEG-K	74 lbs.



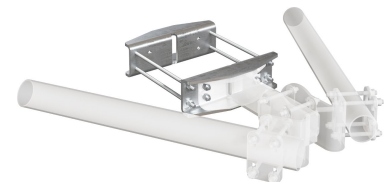
Large Leg Adapter Kit

This large leg adapter kit works with FACE series mounts to accommodate large pipe and angle.

- Fits tubular legs 9-1/2" - 16" diameter, angle legs 6" - 11" and #12 breakdown legs



Part #	Sectors	Face Pipes	Weight
FACE-LLEG	Varies	None	76 lbs.

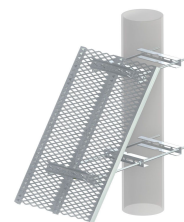


Mini Ice Shield

This mini ice shield is used to protect antennas and equipment from falling ice.

- Universal mounting design with all hardware included
- Mounts to 1-1/4" to 10" round legs or 3" to 7" angle legs
- Sloped design protects antennas and equipment from falling ice
- Low cost and ships inexpensively

Part #	Size	Weight
MIS-24	24" x 24"	70 lbs.

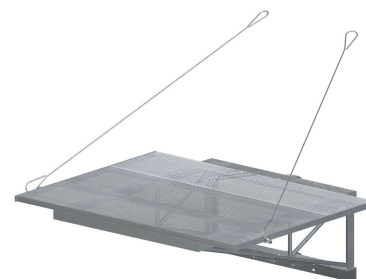


Microwave Ice Shields

These ice shields help prevent antenna damage from falling ice.

- Protect antennas from falling ice
- Mount to 4-1/2" pipe mount used for dish; 8' and 10' ice shields require separate 4-1/2" OD pipe mounts
- Kits include ice shield and mounting hardware, do not include pipe mount
- Other sizes available

Part #	Antenna Diameter	Size	Weight
ISMD4	4'	48" x 62"	312 lbs.
ISMD6	6'	72" x 62"	334 lbs.
ISMD8	8'	96" x 62"	395 lbs.



Pipe Mount Extension for Ice Shields

This pipe mount extension for ice shields provides additional area for ice shield attachment.

- Extends a 4-1/2" OD antenna mounting pipe by 2'
- Allows installation of an antenna ice shield when the antenna's pipe mount is too short
- The extension slips inside the 4-1/2" OD sch. 40 pipe mount, and is secured by the ice shield's weight and stabilizing guy strands

Part #	Weight
PME2	37 lbs.



Platform Canopies

These platform canopies protect radio cabinets and equipment at the base of the tower from falling ice.

- Protect cabinets and cables from falling debris or ice
- Constructed from 4" x 4" x 1/4" angles and 12 gauge grip strut
- Available with direct burial pipe columns or base shoe pipe columns with wedge anchors
- Easy to install; no field cutting or drilling required
- Corrugated roofing option available at select locations



Part #	Size	Pipes	Weight
COV610	10' x 6'	3-1/2" OD, 13'-4" Burial	1000 lbs.
COV810	10' x 8'	3-1/2" OD, 13'-4" Burial	1120 lbs.
COV1010	10' x 10'	3-1/2" OD, 13'-4" Burial	1200 lbs.
COV1012	10' x 12'	3-1/2" OD, 13'-4" Burial	1350 lbs.
COV610-B	10' x 6'	3-1/2" OD, 10'-6" Base Shoe	970 lbs.
COV810-B	10' x 8'	3-1/2" OD, 10'-6" Base Shoe	1090 lbs.
COV1010-B	10' x 10'	3-1/2" OD, 10'-6" Base Shoe	1170 lbs.
COV1012-B	10' x 12'	3-1/2" OD, 10'-6" Base Shoe	1320 lbs.

Cable Ladders

These 20' cable ladder sections include six waveguide brackets that are pre-punched for snap-in hangers and butterfly hangers.

- 20' section with 40" rung spacing
- Hole pattern allows 40" (6 brackets per section) or 60" (4 brackets per section) spacing
- 1-3/4" x 1-3/4" x 1/8" side rails
- Each kit includes splices to attach additional sections
- All parts are hot-dip galvanized
- Attachment kits sold separately

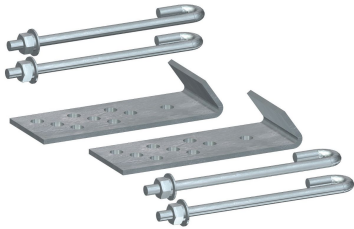


Part #	Number of Runs	Length	Width	Weight
WCL4	4	20'	14"	110 lbs.
WCL6	6	20'	20-5/8"	119 lbs.
WCL9	9	20'	29-5/8"	80 lbs.
WCL12	12	20'	38-5/8"	130 lbs.

Universal Ladder Attachment Kit

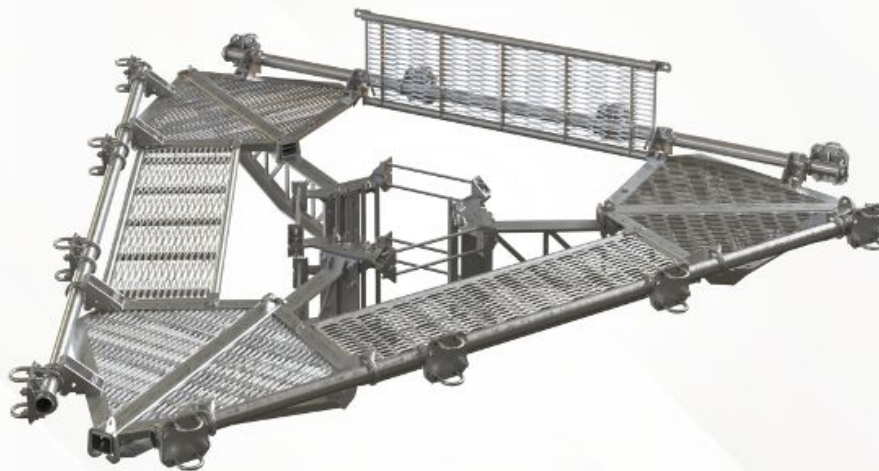
This attachment kit enables you to attach cable ladders to towers.

- Use a minimum of two kits per 20' section of ladder
- Kit includes two formed plate brackets and four J-bolt assemblies
- All parts are hot-dip galvanized



Part #	Weight
CLK-U	5 lbs.

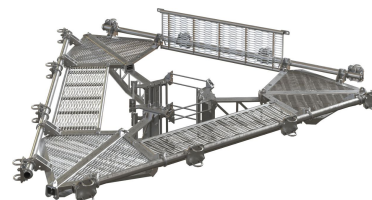
Monopole Sites



Fortress FlexMax™ Tri-Platform Mounts

With its unmatched strength and innovative engineering, the Fortress FlexMax™ stands as the most robust and technically advanced monopole platform we have ever built. Its patent-pending technology conforms to the unique shape of a polygonal monopole, significantly reducing localized stress and enhancing structural integrity.

- Unprecedented strength, uniquely designed to handle heavier, modern equipment loads with ease
- Reduces localized stress and pole damage for improved structural integrity with the included FLX Series™ Ring Mount
- Flush walkway and lack of sharp edges make this platform safer for technicians
- Eliminates the need for a second ring mount and reinforcement kit
- Hinged grating sections allow easy access to walkway
- Welded design requires minimal hardware; all hardware is 5/8" to further simplify assembly
- Kits include hardware to mount up to twelve 2-3/8" or 2-7/8" antenna mounting pipes
- Collar is constructed as a single weldment, offering higher D/t values for long-term reliability.
- Low EPA
- Contact us for load and engineering data



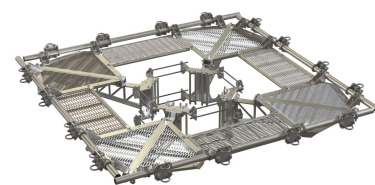
Part #	Pole Diameter	Pole Circumference	Face Width	Weight
FX3P-8W	12" - 30"	37.7" - 94.25"	9'	1885 lbs.
FX3P-10W	12" - 36"	37.7" - 113.0"	11'	2031 lbs.
FX3P-12W	12" - 44"	37.7" - 138.0"	13'	2213 lbs.
FX3P-14W	12" - 44"	37.7" - 138.0"	15'	2420 lbs.

Part #	Description	Weight
CRK-DC3	Cable Platform Reinforcement Kit (12" - 45" Pole Diameter)	350 lbs.
FLX-ADK	FLX Series™ Large Leg Adapter Kit	96 lbs.
F3P-PRK	Tri-Platform Angle Reinforcement Kit	470 lbs.
F3P-HRK8	Handrail Kit for Fortress™ Tri-Platform Mounts	374 lbs.
F3P-HRK10	Handrail Kit for Fortress™ Tri-Platform Mounts	391 lbs.
F3P-HRK12	Handrail Kit for Fortress™ Tri-Platform Mounts	405 lbs.
F3P-HRK14	Handrail Kit for Fortress™ Tri-Platform Mounts	415 lbs.
FP-BBPM	Fortress™ Side Arm RRU Mounting Kit	32 lbs.

Fortress FlexMax™ Quad-Platform Mounts

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- Unprecedented strength, uniquely designed to handle heavier, modern equipment loads with ease
- Reduces localized stress and pole damage for improved structural integrity with the included FLX Series™ Ring Mount
- Flush walkway and lack of sharp edges make this platform safer for technicians
- Eliminates the need for a second ring mount and reinforcement kit
- Hinged grating sections allow easy access to walkway
- Welded design requires minimal hardware; all hardware is 5/8" to further simplify assembly
- Kits include hardware to mount up to twelve 2-3/8" or 2-7/8" antenna mounting pipes
- Collar is constructed as a single weldment, offering higher D/t values for long-term reliability.
- Low EPA
- Contact us for load and engineering data



Part #	Pole Diameter	Pole Circumference	Face Width	Weight
FX4P-8W	12" - 30"	37.7" - 94.25"	9'	2540 lbs.
FX4P-10W	12" - 51"	37.7" - 160.0"	11'	2708 lbs.
FX4P-12W	12" - 65"	37.7" - 204.0"	13'	2950 lbs.
FX4P-14W	12" - 44"	37.7" - 138.0"	15'	3227 lbs.

Part #	Description	Weight
CRK-DC4	Cable Platform Reinforcement Kit (12" - 60" Pole Diameter)	409 lbs.
F4P-PRK	Quad-Platform Angle Reinforcement Kit	633 lbs.
F4P-HRK8	Handrail Kit for Fortress™ Quad-Platform Mounts	464 lbs.
F4P-HRK10	Handrail Kit for Fortress™ Quad-Platform Mounts	480 lbs.
F4P-HRK12	Handrail Kit for Fortress™ Quad-Platform Mounts	507 lbs.
F4P-HRK14	Handrail Kit for Fortress™ Quad-Platform Mounts	550 lbs.
FP-BBPM	Fortress™ Side Arm RRU Mounting Kit	32 lbs.

FLX SERIES™

DYNAMIC RING MOUNTS



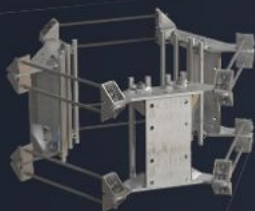
A dynamic new solution that conforms to a monopole's unique shape, enhancing structural integrity and optimizing load distribution.

Our new FLX Series™ Ring Mounts dynamically conform to the unique shape of a monopole. This innovative design evenly distributes loading, minimizes stress, and enhances overall structural integrity.

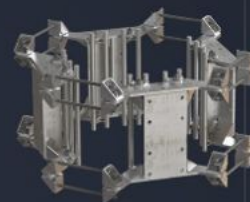
Built for today's modern heavy loads, the FLX Series™ Ring Mounts come standard on the new Fortress FlexMax™ Platform Mounts, available in both Tri-Sector and Quad-Sector editions. This cutting-edge design ensures long-term



Tri-Sector Editions



Quad-Sector Editions

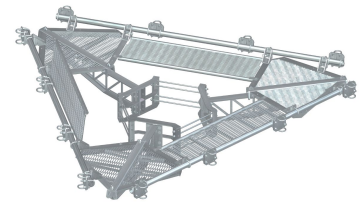


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Fortress™ Tri-Platform Mounts

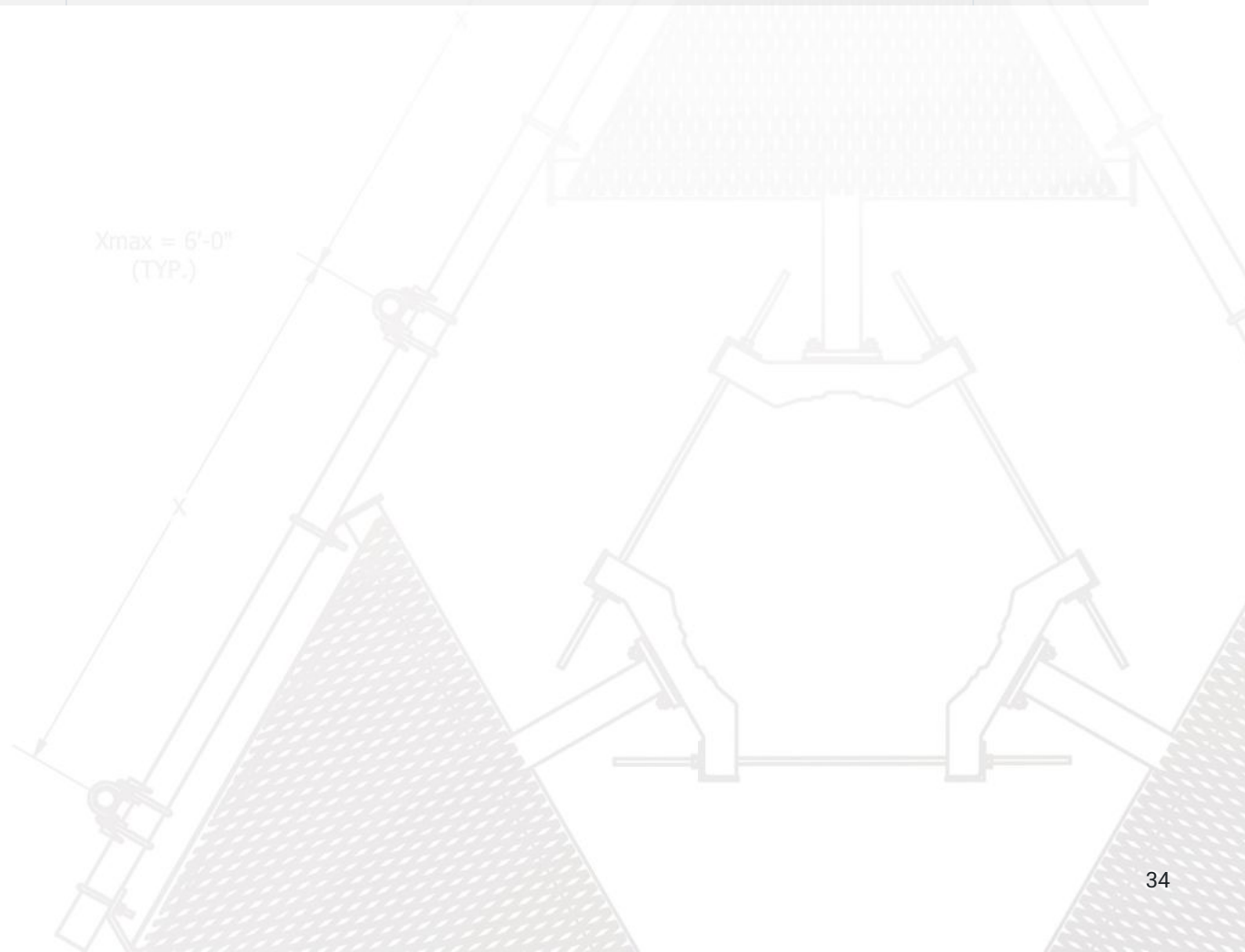
With its unprecedented strength and engineering ingenuity, the Fortress™ is the most robust monopole platform we have ever built. Its unique truss design makes it three times stronger than ordinary platform mounts.

- Eliminates the need for a second ring mount and reinforcement kit
- Low EPA
- Hinged grating sections allow easy access to walkway
- Flush walkway and lack of sharp edges make this platform safer for climbers
- Welded design requires minimal hardware; all hardware is 5/8" to further simplify assembly
- Kits include hardware to mount up to twelve 2-3/8" or 2-7/8" antenna mounting pipes
- Non-grating versions of the Fortress™ platform are also available
- Contact us for load and engineering data



Part #	Pole Diameter	Pole Circumference	Face Width	Weight
F3P-8W	12" - 30"	37.7" - 94.2"	9' - 0"	1845 lbs.
F3P-10W	12" - 45"	37.7" - 141.3"	10' - 6"	1920 lbs.
F3P-12W	12" - 45"	37.7" - 141.3"	12' - 6"	2122 lbs.
F3P-14W	12" - 45"	37.7" - 141.3"	14' - 6"	2331 lbs.

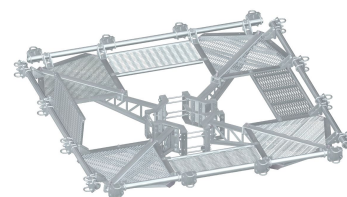
Part #	Description	Weight
CRK-DC3	Cable Platform Reinforcement Kit (12" - 45" Pole Diameter)	350 lbs.
F3P-PRK	Tri-Platform Angle Reinforcement Kit	470 lbs.
RM-ADK	Large-Pole Adapter Kit (45" to 60" Pole Diameter)	102 lbs.
F3P-HRK8	Handrail Kit for Fortress™ Tri-Platform Mounts	374 lbs.
F3P-HRK10	Handrail Kit for Fortress™ Tri-Platform Mounts	391 lbs.
F3P-HRK12	Handrail Kit for Fortress™ Tri-Platform Mounts	405 lbs.
F3P-HRK14	Handrail Kit for Fortress™ Tri-Platform Mounts	415 lbs.



Fortress™ Quad-Platform Mounts

With its unprecedented strength and engineering ingenuity, the Fortress™ is the most robust monopole platform we have ever built. Its unique truss design makes it three times stronger than ordinary platform mounts.

- Eliminates the need for a second ring mount and reinforcement kit
- Low EPA
- Hinged grating sections allow easy access to walkway
- Flush walkway and lack of sharp edges make this platform safer for climbers
- Welded design requires minimal hardware; all hardware is 5/8" to further simplify assembly
- Kits include hardware to mount up to sixteen 2-3/8" or 2-7/8" antenna mounting pipes
- Non-grating versions of the Fortress™ platform are also available
- Contact us for load and engineering data



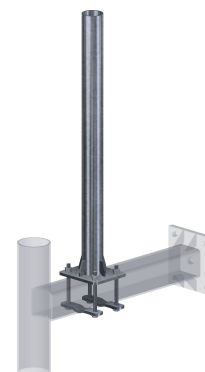
Part #	Pole Diameter	Pole Circumference	Face Width	Weight
F4P-8W	12" - 36"	37.7" - 113.0"	9' - 0"	2422 lbs.
F4P-10W	12" - 54"	37.7" - 169.6"	10' - 6"	2522 lbs.
F4P-12W	12" - 60"	37.7" - 188.4"	12' - 6"	2777 lbs.
F4P-14W	12" - 60"	37.7" - 188.4"	14' - 6"	3056 lbs.

Part #	Description	Weight
CRK-DC4	Cable Platform Reinforcement Kit (12" - 60" Pole Diameter)	409 lbs.
F4P-PRK	Quad-Platform Angle Reinforcement Kit	633 lbs.
F4P-HRK8	Handrail Kit for Fortress™ Quad-Platform Mounts	464 lbs.
F4P-HRK10	Handrail Kit for Fortress™ Quad-Platform Mounts	480 lbs.
F4P-HRK12	Handrail Kit for Fortress™ Quad-Platform Mounts	507 lbs.
F4P-HRK14	Handrail Kit for Fortress™ Quad-Platform Mounts	550 lbs.

Fortress™ RRU Mounting Kit

This kit provides additional mounting area for RRU's on Fortress™ monopole platforms.

- Attach to Fortress™ truss arms or square tube arms up to 4"
- 2-7/8" OD pipe mast

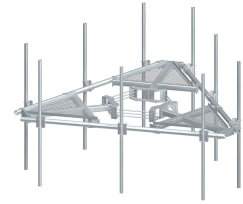


Part #	Description	Weight
SAMAST-3	3' Platform RRU Mount	29 lbs.
SAMAST-6	6' Platform RRU Mount	45 lbs.

RMQP Series™ Low-Profile Platforms (9 Antennas)

This low-profile platform kit will work with a 12" - 38" diameter pole.

- Includes ring mount, three support arms, grating, and all hardware
- NP versions do not include hardware for antenna mounting pipes
- Contact us for load and engineering data



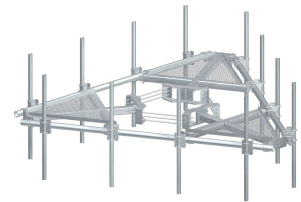
Part #	Antennas	Pole Diameter	Pole Circumference	Face Width	Mounting Pipes	Weight
RMQP-396	9	12" - 38"	37.7" - 119.3"	12'-6"	(9) 2-3/8" x 96"	1670 lbs.
RMQP-3126	9	12" - 38"	37.7" - 119.3"	12'-6"	(9) 2-3/8" x 126"	1750 lbs.
RMQLP-396	9	12" - 38"	37.7" - 119.3"	14'-6"	(9) 2-3/8" x 96"	1765 lbs.
RMQLP-3126	9	12" - 38"	37.7" - 119.3"	14'-6"	(9) 2-3/8" x 126"	1985 lbs.
RMVP-396	9	30" - 60"	94.2" - 188.4"	14'-6"	(9) 2-3/8" x 96"	2540 lbs.
RMVP-3126	9	30" - 60"	94.2" - 188.4"	14'-6"	(9) 2-3/8" x 126"	1830 lbs.

Part #	Description	Weight
HRK12	Universal Platform Handrail Kit	228 lbs.
HRK14	Universal Platform Handrail Kit	268 lbs.
HRK12-U	Handrail Kit for Low-Profile Co-Location Platform	303 lbs.
HRK14-U	Handrail Kit for Low-Profile Co-Location Platform	333 lbs.

RMQP Series™ Low-Profile Platforms (12 Antennas)

This low-profile platform kit will work with a 12" - 38" diameter pole.

- Includes ring mount, three support arms, grating, and all hardware
- NP versions do not include hardware for antenna mounting pipes
- Contact us for load and engineering data



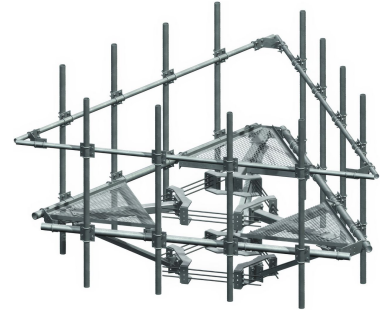
Part #	Antennas	Pole Diameter	Pole Circumference	Face Width	Mounting Pipes	Weight
RMQP-496	12	12" - 38"	37.7" - 119.3"	12'-6"	(12) 2-3/8" x 96"	1900 lbs.
RMQP-4126	12	12" - 38"	37.7" - 119.3"	12'-6"	(12) 2-3/8" x 126"	1980 lbs.
RMQLP-496	12	12" - 38"	37.7" - 119.3"	14'-6"	(12) 2-3/8" x 96"	1905 lbs.
RMQLP-4126	12	12" - 38"	37.7" - 119.3"	14'-6"	(12) 2-3/8" x 126"	1985 lbs.
RMVP-496	12	30" - 60"	94.2" - 188.4"	14'-6"	(12) 2-3/8" x 96"	2675 lbs.
RMVP-4126	12	30" - 60"	94.2" - 188.4"	14'-6"	(12) 2-3/8" x 126"	1990 lbs.

Part #	Description	Weight
HRK12	Universal Platform Handrail Kit	228 lbs.
HRK14	Universal Platform Handrail Kit	268 lbs.
HRK12-U	Handrail Kit for Low-Profile Co-Location Platform	303 lbs.
HRK14-U	Handrail Kit for Low-Profile Co-Location Platform	333 lbs.

RMQP Series™ Low-Profile Platforms (12 Antennas & RRU's)

Low-profile platform kit for 12" - 38" diameter poles, supports multiple RRU's plus twelve antennas.

- Second ring mount below adds additional support
- Integral handrails provide added strength, easy antenna/RRU mounting and added worker safety
- Complete kit includes two ring mounts, three support arms, one platform reinforcement kit, handrail kit, grating, antenna mounting pipes and all hardware
- Contact us for load and engineering data



Part #	Pole Diameter	Pole Circumference	Face Width	Mounting Pipes	Weight
RMQP-496-HK	12" - 38"	37.7" - 119.3"	12'-6"	(12) 2-3/8" x 96"	2449 lbs.
RMQP-4096-HK	12" - 38"	37.7" - 119.3"	12'-6"	(12) 2-7/8" x 96"	2650 lbs.
RMQLP-496-HK	12" - 38"	37.7" - 119.3"	14'-6"	(12) 2-3/8" x 96"	2448 lbs.
RMQLP-4096-HK	12" - 38"	37.7" - 119.3"	14'-6"	(12) 2-7/8" x 96"	2810 lbs.
RMVP-496-HK	30" - 60"	94.2" - 188.4"	14'-6"	(12) 2-3/8" x 96"	2517 lbs.
RMVP-4096-HK	30" - 60"	94.2" - 188.4"	14'-6"	(12) 2-7/8" x 96"	2780 lbs.
RMQP-4126-HK	12" - 38"	37.7" - 119.3"	12'-6"	(12) 2-3/8" x 126"	2700 lbs.
RMQLP-4126-HK	12" - 38"	37.7" - 119.3"	14'-6"	(12) 2-3/8" x 126"	2600 lbs.
RMVP-4126-HK	30" - 60"	94.2" - 188.4"	14'-6"	(12) 2-3/8" x 126"	2700 lbs.

Magnum™ Snub-Nose Platform Kit

This robust low-profile platform kit is designed to work with a 12" - 45" diameter pole.

- Our low-profile design offers a lower EPA for reduced loads on the tower
- Supports live loads of 500 lb
- Handrail kit option provides added strength and easy antenna and RRU mounting as well as worker safety
- Simple design for ease of assembly
- Complete kits include ring mount, three support arms, grating, antenna mounting pipes and all hardware
- Contact us for load and engineering data

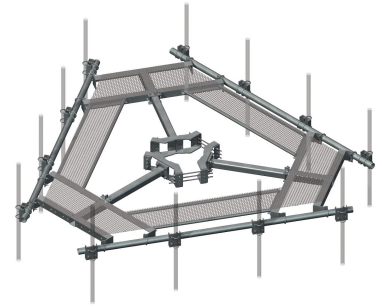


Part #	Pole Diameter	Pole Circumference	Face Width	Mounting Pipes	Weight
SNP8-396	12" - 45"	37.7" - 141.3"	8'	(9) 2-3/8" x 96"	1464 lbs.
SNP8-3126	12" - 45"	37.7" - 141.3"	8'	(9) 2-3/8" x 126"	1585 lbs.
SNP10-396	12" - 45"	37.7" - 141.3"	10'	(9) 2-3/8" x 96"	1515 lbs.
SNP10-3126	12" - 45"	37.7" - 141.3"	10'	(9) 2-3/8" x 126"	1605 lbs.
SNP10-496	12" - 45"	37.7" - 141.3"	10'	(12) 2-3/8" x 96"	1645 lbs.
SNP10-4126	12" - 45"	37.7" - 141.3"	10'	(12) 2-3/8" x 126"	1765 lbs.

Magnum™ Full Walkway Snub-Nose Platform Kit

This robust low-profile platform kit is designed to work with a 12" - 45" diameter pole.

- Our low-profile design offers a lower EPA for reduced loads on the tower
- Supports live loads of 500 lb
- Handrail kit option provides added strength and easy antenna and RRU mounting as well as worker safety
- Simple design for ease of assembly
- Complete kits include ring mount, three support arms, grating, antenna mounting pipes and all hardware
- Contact us for load and engineering data



Part #	Pole Diameter	Pole Circumference	Face Width	Mounting Pipes	Weight
SNP12-396	12" - 45"	37.7" - 141.3"	12'	(9) 2-3/8" x 96"	1898 lbs.
SNP12-3126	12" - 45"	37.7" - 141.3"	12'	(9) 2-3/8" x 126"	1988 lbs.
SNP12-496	12" - 45"	37.7" - 141.3"	12'	(12) 2-3/8" x 96"	2027 lbs.
SNP12-4126	12" - 45"	37.7" - 141.3"	12'	(12) 2-3/8" x 126"	2147 lbs.
SNP14-396	12" - 45"	37.7" - 141.3"	14'	(9) 2-3/8" x 96"	1943 lbs.
SNP14-3126	12" - 45"	37.7" - 141.3"	14'	(9) 2-3/8" x 126"	2033 lbs.
SNP14-496	12" - 45"	37.7" - 141.3"	14'	(12) 2-3/8" x 96"	1943 lbs.
SNP14-4126	12" - 45"	37.7" - 141.3"	14'	(12) 2-3/8" x 126"	2155 lbs.

RRU Ring Mount Kit

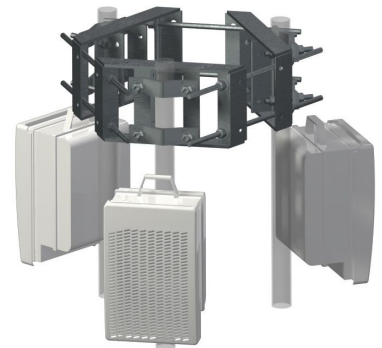
This kit enables the mounting of up to 6 RRU's.

- Low profile design reduces wind load
- Accepts 1-1/2" to 4-1/2" mounting pipes



Part #	Size Range	Weight
UGLM-DCP	10-1/2" - 28"	113 lbs.

Part #	Description	Weight
LP-42	Large-Pole Adapter Kit for Lightweight Ring Mounts	90 lbs.
LP-6	Small-Pole Adapter Kit for Lightweight Ring Mounts	34 lbs.



Mini T-Arm Kit

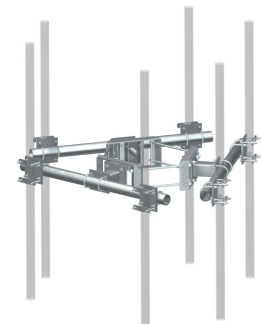
This 3-sector T-Arm kit enables the mounting of up to 2 antennas per sector.

- 5' face enables 48" antenna separation
- Includes hardware for 2-3/8" to 4-1/2" antenna mounting pipes
- Antenna mounting pipes stand 18" off pole on standard kits, 32" on long kits



Part #	Pole Diameter	Face	Stand-Off Length	Weight
UDS-NP	10-1/2" - 28"	5' Pipe	18"	425 lbs.
UDS-NPL	10-1/2" - 28"	5' Pipe	32"	465 lbs.

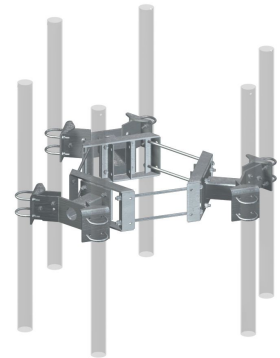
Part #	Description	Weight
LP-42	Large-Pole Adapter Kit for Lightweight Ring Mounts	90 lbs.
LP-6	Small-Pole Adapter Kit for Lightweight Ring Mounts	34 lbs.



Compact Mount Kit

This 3-sector T-Arm kit enables the mounting of up to 2 antennas per sector.

- Antenna mounting pipes stand 14-1/2" off pole
- Antenna separation is 21-5/8"
- 0° - 30° down-tilt adjustment
- Accepts 2-3/8" OD, 2-7/8" OD, and 3-1/2" OD antenna mounting pipes
- Purchase antenna mounting pipes separately



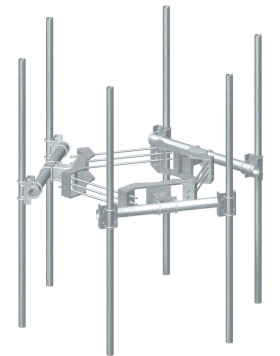
Part #	Pole Diameter	Weight
UWS6-NP	10-1/2" - 28"	320 lbs.

Part #	Description	Weight
LP-42	Large-Pole Adapter Kit for Lightweight Ring Mounts	90 lbs.
LP-6	Small-Pole Adapter Kit for Lightweight Ring Mounts	34 lbs.

Triple T-Arm Kit for 6 Antennas (8" Standoff)

This 3-sector T-Arm kit enables the mounting of up to 2 antennas per sector.

- Includes ring mount, support arms, horizontal crossarms, antenna mounting pipes and hardware
- Antenna mounting pipes stand 18" off tower
- Contact us for load and engineering data



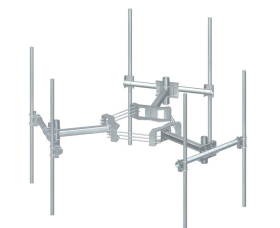
Part #	Pole Diameter	Face	Mounting Pipes	Weight
RDS-NP	12" - 45"	5' Pipe	None	530 lbs.
RDS-296	12" - 45"	5' Pipe	(6) 2-3/8" x 96"	705 lbs.
RDS-2126	12" - 45"	5' Pipe	(6) 2-3/8" x 126"	755 lbs.
RDS-23096	12" - 45"	5' Pipe	(6) 2-7/8" x 96"	1100 lbs.
RDS-SQNP	12" - 45"	5' Square Tube	None	520 lbs.

Part #	Description	Weight
RM-ADK	Large-Pole Adapter Kit (45" to 60" Pole Diameter)	102 lbs.

Triple T-Arm Kit for 6 Antennas (36" Standoff)

This 3-sector T-arm kit enables the mounting of up to 2 antennas per sector.

- Includes ring mount, support arms, horizontal crossarms, antenna mounting pipes and hardware
- Contact us for load and engineering data



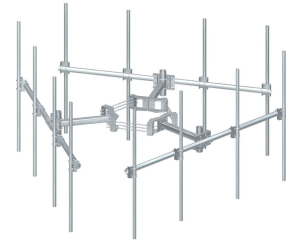
Part #	Pole Diameter	Face	Mounting Pipes	Weight
RMV5-296	12" - 45"	5' Pipe	(6) 2-3/8" x 96"	1185 lbs.
RMV5-2126	12" - 45"	5' Pipe	(6) 2-3/8" x 126"	995 lbs.
RMV5-3096	12" - 45"	5' Pipe	(6) 2-7/8" x 96"	1310 lbs.

Part #	Description	Weight
RM-ADK	Large-Pole Adapter Kit (45" to 60" Pole Diameter)	102 lbs.

Tri-Sector T-Arm Kit

This 3-sector T-arm kit enables the mounting of up to 4 antennas per sector.

- Includes ring mount, support arms, horizontal crossarms, antenna mounting pipes and hardware
- RMV12-SQNP and RMV14-SQNP include antenna pipe mounting hardware for 2-3/8" and 2-7/8" antenna mounting pipes; order antenna mounting pipes separately
- Contact us for load and engineering data



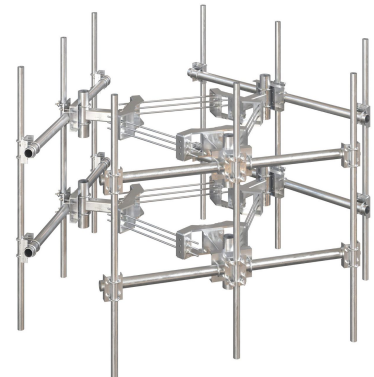
Part #	Pole Diameter	Face	Mounting Pipes	Weight
RMV12-396	12" - 45"	12'-6" Pipe	(9) 2-3/8" x 96"	1285 lbs.
RMV12-496	12" - 45"	12'-6" Pipe	(12) 2-3/8" x 96"	1339 lbs.
RMV12-4126	12" - 45"	12'-6" Pipe	(12) 2-3/8" x 126"	1339 lbs.
RMV12-3126	12" - 45"	12'-6" Pipe	(9) 2-3/8" x 126"	1285 lbs.
RMV14-NP	12" - 45"	14'-6" Pipe	None	900 lbs.
RMV14-496	12" - 45"	14'-6" Pipe	(12) 2-3/8" x 96"	1385 lbs.
RMV14-4126	12" - 45"	14'-6" Pipe	(12) 2-3/8" x 126"	1525 lbs.
RMV14-SQNP	12" - 45"	14'-6" Square Tube	None	1085 lbs.

Part #	Description	Weight
RM-ADK	Large-Pole Adapter Kit (45" to 60" Pole Diameter)	102 lbs.

Monopole Dual-Level Triple T-Arm Kit

This 3-sector T-arm kit enables the mounting of up to 2 antennas per sector.

- Includes ring mounts, support arms, crossarms, antenna mounting pipes and hardware
- NP versions require antenna pipe mounting hardware
- Contact us for load and engineering data



Part #	Pole Diameter	Standoff Length	Mounting Pipes	Face	Weight
RMVD8-296-18	12" - 45"	18"	(9) 2-3/8" x 96"	8'	1881 lbs.
RMVD8-2120-18	12" - 45"	18"	(9) 2-3/8" x 120"	8'	1937 lbs.
RMVD8-296-24	12" - 45"	24"	(9) 2-3/8" x 96"	8'	1918 lbs.
RMVD8-2120-24	12" - 45"	24"	(9) 2-3/8" x 120"	8'	1974 lbs.
RMVD8-3-296	12" - 45"	36"	(9) 2-3/8" x 96"	8'	2175 lbs.
RMVD8-3-2120	12" - 45"	36"	(9) 2-3/8" x 120"	8'	2255 lbs.
RMVD10-4-296	12" - 45"	36"	(12) 2-3/8" x 96"	10'	2355 lbs.
RMVD10-4-2120	12" - 45"	36"	(12) 2-3/8" x 120"	10'	2429 lbs.
RMVD10-4-3096	12" - 45"	36"	(12) 2-7/8" x 96"	10'	2525 lbs.
RMVD10-4-30120	12" - 45"	36"	(12) 2-7/8" x 120"	10'	2665 lbs.
RMVD12-4-296	12" - 45"	36"	(12) 2-7/8" x 96"	12'	2446 lbs.
RMVD12-4-2120	12" - 45"	36"	(12) 2-7/8" x 120"	12'	2521 lbs.
RMVD12-4-3096	12" - 45"	36"	(12) 2-7/8" x 96"	12'	2616 lbs.
RMVD12-4-30120	12" - 45"	36"	(12) 2-7/8" x 120"	12'	2755 lbs.
RMVD14-4-296	12" - 45"	36"	(12) 2-3/8" x 96"	14'	2537 lbs.
RMVD14-4-2120	12" - 45"	36"	(12) 2-3/8" x 120"	14'	2612 lbs.
RMVD14-4-3096	12" - 45"	36"	(12) 2-7/8" x 96"	14'	2707 lbs.
RMVD14-4-30120	12" - 45"	36"	(12) 2-7/8" x 120"	14'	2846 lbs.

Ultra-Low-Profile T-Arm Kit for 12 Antennas

This kit provides increased capacity with reduced wind load.

- Includes ring mount, support arms, antenna mounting pipes and hardware
- Low-profile design for reduced wind loading
- Easily adaptable to include work platforms
- All round members reduce the risk of migratory bird nesting
- Contact us for load and engineering data



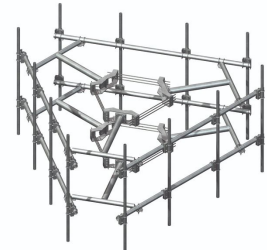
Part #	Pole Diameter	Face Width	Mounting Pipes	Weight
ULP12-496	12" - 45"	12'-6"	(12) 2-3/8" x 96"	1 lb.
ULP12-4126	12" - 45"	12'-6"	(12) 2-3/8" x 126"	1660 lbs.
ULP14-496	12" - 45"	14'-6"	(12) 2-3/8" x 96"	1 lb.
ULP14-4126	12" - 45"	14'-6"	(12) 2-3/8" x 126"	1710 lbs.

Part #	Description	Weight
RM-ADK	Large-Pole Adapter Kit (45" to 60" Pole Diameter)	102 lbs.
WP197-10	Work Support Platform	166 lbs.
WP197J-10	Work Support Platform	102 lbs.
WP197J-12	Work Support Platform	115 lbs.

Ultra-Low-Profile Dual Level Rigid T-Arm Kit for 12 Antennas

This dual level kit safely supports multiple RRU's and twelve antennas.

- Includes ring mounts, support arms, antenna mounting pipes and hardware
- Second level of T-arms and ring mount below add additional support
- All round members reduce the risk of migratory bird nesting
- Contact us for load and engineering data



Part #	Pole Diameter	Face Width	Mounting Pipes	Weight
ULPD12-496	12" - 45"	12'-6"	(12) 2-3/8" x 96"	2 lbs.
ULPD12-4126	12" - 45"	12'-6"	(12) 2-3/8" x 126"	2 lbs.

Chain Mount Kit

This kit enables the chain mounting of antennas or RRU's to monopoles.

- Fits polygon or round poles
- Includes U-bolts for mounting 2-3/8" or 4-1/2" OD pipes
- Hot-dip galvanized
- Purchase U-bolts separately if mounting 2-7/8" or 3-1/2" pipes
- Order antenna mounting pipes separately
- For longer chain lengths order GC4-PF

Part #	Description	Range	Weight
CHM1	Single Sector	5" - 36"	60 lbs.
CHM2	Double Sector	5" - 36"	100 lbs.
CHM3	Triple Sector	6-1/2" - 36"	147 lbs.

Part #	Description	Weight
GC4-PF	1/4" Galvanized Chain	1 lb.



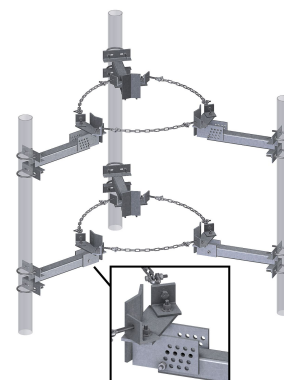
Taper-Adjustable Chain Mount Kit

This kit enables the chain mounting and taper adjustment of antennas or RRU's to monopoles.

- Fits polygon or round poles
- Simple taper adjustment allows for up to 6° of taper in 3/4" increments
- Includes U-bolts for mounting 2-3/8" or 4-1/2" OD pipes
- Hot-dip galvanized
- Purchase U-bolts separately if mounting 2-7/8" or 3-1/2" pipes
- Order antenna mounting pipes separately
- For longer chain lengths order GC4-PF

Part #	Description	Standoff	Range	Weight
TCHM1	Single Sector	1'	5" - 36"	91 lbs.
TCHM1-L	Single Sector	2'	5" - 36"	95 lbs.
TCHM2	Double Sector	1'	5" - 36"	135 lbs.
TCHM2-L	Double Sector	2'	5" - 36"	160 lbs.
TCHM3	Triple Sector	1'	6-1/2" - 36"	195 lbs.
TCHM3-L	Triple Sector	2'	6-1/2" - 36"	225 lbs.

Part #	Description	Weight
GC4-PF	1/4" Galvanized Chain	1 lb.



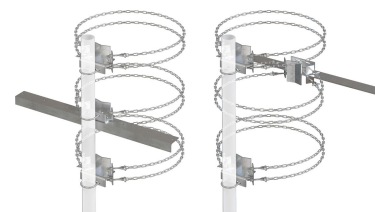
Chain Mount Kit for Dish Antennas

This kit enables the chain mounting of dish antennas to monopoles.

- Fits polygon or round poles 5" - 36"
- Includes U-bolts for mounting 4-1/2" OD pipes
- Heavy-duty kit for dishes up to 8' in diameter
- Includes side-strut support bracket for stiff arms
- Purchase U-bolts separately if mounting 3-1/2" pipes
- Order antenna mounting pipes separately
- For longer chain lengths order GC4-PF

Part #	Description	Weight
DCH8	HD Chain Mount with Stiff Arm	130 lbs.

Part #	Description	Weight
GC4-PF	1/4" Galvanized Chain	1 lb.



Monopole Mount Kit

This kit enables the mounting of multiple RRU's or antennas.

- Safely supports multiple RRU's or antennas
- Fits round or polygon poles from 17-1/2" to 56" diameter
- Order 2-3/8" or 2-7/8" antenna mounting pipes separately
- Contact us for load and engineering data



Part #	Pole Diameter	Description	Weight
6CHMT	17-1/2" - 56"	Six Sector	271 lbs.



MONOPOLE MOUNTS

1/4" Galvanized Chain

This 1/4" Grade 40 galvanized chain can be purchased when needed to accommodate larger pole diameters.

- 1/4" Gr 40 galvanized chain
- Specify length in 1' increments

Part #	Description	Weight
GC4-PF	1/4" Galvanized Chain/ft	1 lb.



V-Style Reinforcement Kits (Angle)

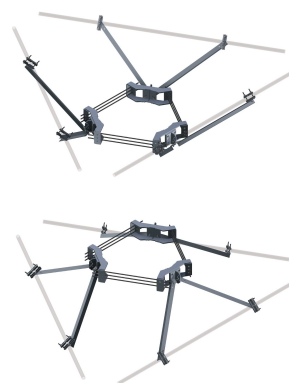
This kit is used to reinforce handrails on 3-sector platforms or T-arms.

- Provides extra rigidity to new or existing platform handrails
- Can be installed to support the handrails from above or below
- PRK-SFS and PRK-SFS-L fit round or polygon poles from 12" to 45" diameter, or up to 60" diameter with the addition of the RM-ADK large pole adapter Kit
- PQ-SFS fits round or polygon poles from 12" to 60" diameter
- Handrail connection hardware fits round members 1" to 3-1/2" OD



Part #	Description	Angle Size	Weight
PQ-SFS	Quad Handrail Reinforcement Kit	L 2-1/2" x 2-1/2" x 1/4" x 120"	803 lbs.

Part #	Description	Weight
RM-ADK	Large-Pole Adapter Kit (45" to 60" Pole Diameter)	102 lbs.



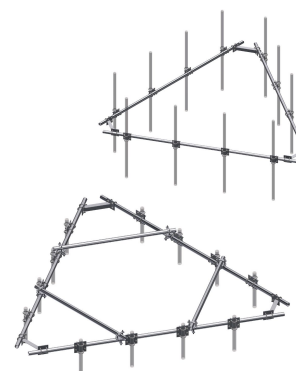
Universal Platform Handrail Kit

This kit is used to add handrails and antenna pipe support to existing platforms.

- Kit includes handrail pipes, corner brace kits, crossover plates and hardware; HD kits include addition cross brace supports
- Antenna mounting pipes sold separately



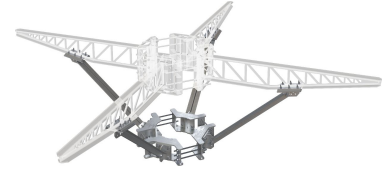
Part #	Face Width	Handrail Pipe Size	Antenna Mounting Pipe Size	Weight
HRK12	12'-6"	2-3/8" OD x 150"	2-3/8"	228 lbs.
HRK14	14'-6"	2-3/8" OD x 174"	2-3/8"	268 lbs.
HRK12-HD	12'-6"	2-3/8" OD x 150"	2-3/8" or 2-7/8"	413 lbs.
HRK14-HD	14'-6"	2-3/8" OD x 174"	2-3/8" or 2-7/8"	448 lbs.
HRK12-3HD	12'-6"	2-7/8" OD x 150"	2-3/8" or 2-7/8"	503 lbs.
HRK14-3HD	14'-6"	2-7/8" OD x 174"	2-3/8" or 2-7/8"	525 lbs.



Reinforcement Kit for Fortress™ Platforms

This kit is used to reinforce Fortress™ platforms to provide additional dead load capacity.

- Simple bolt-on reinforcement kit includes ring mount and support arms
- Fits round or polygon poles from 12" to 45" diameter, or up to 60" with the addition of the FLX-ADK large pole adapter kit
- The maximum additional vertical load capacity gained is 4,000 lb per sector arm (12,000 lb total)
- Contact us for load and engineering data

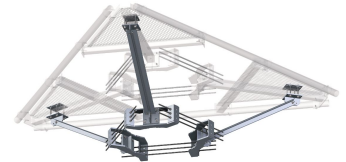


Part #	Pole Diameter	Horizontal Connection	Angle Size	Weight
F4P-PRK	12" to 60"	1/2" Flange	2L 2-1/2" x 2-1/2" x 3/16" x 52	633 lbs.
F3P-PRK	12" to 45"	1/2" Flange	2L 2-1/2" x 2-1/2" x 3/16" x 52	470 lbs.

Reinforcement Kit for Platforms or T-Arms

This kit is used to reinforce 3-sector platforms or T-arms to provide additional dead load capacity.

- Simple bolt-on reinforcement kit includes ring mount and support arms
- Fits round or polygon poles from 12" to 45" diameter, or up to 60" with the addition of the RM-ADK large pole adapter kit
- The maximum additional vertical load capacity gained is 4,000 lb per sector arm (12,000 lb total)
- PRK-1245, PRK-1245L, and PRK-NA hardware kits fit up to 4" round or square tube standoff arms
- Contact us for load and engineering data



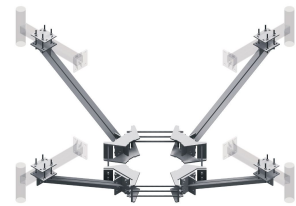
Part #	Description	Pole Diameter	Horizontal Connection	Angle Size	Weight
PRK-1245	Reinforcement Kit	12" to 45"	4" x 4" Max	2L 2-1/2" x 2-1/2" x 3/16" x 52"	465 lbs.
PRK-1245L	Long Reinforcement Kit	12" to 45"	4" x 4" Max	2L 2-1/2" x 2-1/2" x 3/16" x 84"	520 lbs.
PRK-NA	Attachment Hardware Only	12" to 45"	4" x 4" Max	Order Separately	379 lbs.
PRK-1245LW	Reinforcement Kit, Wide Connection	12" to 45"	6" x 6" Max	2L 2-1/2" x 2-1/2" x 3/16" x 84"	565 lbs.
PRK-HD	Reinforcement Kit, Heavy-Duty Angle	12" to 45"	5" x 5" Max	2L 3" x 3" x 1/4" x 84"	610 lbs.

Part #	Description	Weight
RM-ADK	Large-Pole Adapter Kit (45" to 60" Pole Diameter)	102 lbs.

Quad Reinforcement Kit for Platforms or T-Arms

This kit is used to reinforce 4-sector platforms or T-arms to provide additional dead load capacity.

- Simple bolt-on reinforcement kit includes ring mount and support arms
- Fits round or polygon poles from 12" to 60" diameter
- Increase platform dead load capacity up to 5,600 lb per sector
- The maximum additional vertical load capacity gained is 3,000 lb per sector arm (12,000 lb total)
- Attaching hardware fits up to 4" round or square tube standoff arms
- Contact us for load and engineering data



Part #	Description	Pole Diameter	Horizontal Connection	Angle Size	Weight
PQ-1245	Reinforcement Kit	12" to 60"	4" x 4" Max	2L 2-1/2" x 2-1/2" x 3/16" x 52"	665 lbs.
PQ-1245L	Long Reinforcement Kit	12" to 60"	4" x 4" Max	2L 2-1/2" x 2-1/2" x 3/16" x 84"	735 lbs.
PQ-NA	Attachment Hardware Only	12" to 60"	4" x 4" Max	Order Separately	516 lbs.

V-Style Reinforcement Kit (Pipe)

This kit is used to reinforce 3-sector platforms or T-arms to provide additional dead load capacity.

- Simple bolt-on reinforcement kit includes ring mount and support arms
- Fits round or polygon poles from 12" to 45" diameter, or up to 60" with the addition of the RM-ADK large pole adapter kit
- Fits 2-3/8" or 2-7/8" OD crossarms
- Pipe bracing for reduced wind area
- Contact us for load and engineering data



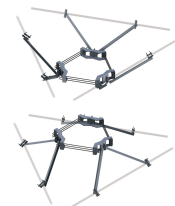
Part #	Description	Pole Diameter	Horizontal Connection	Pipe Size	Weight
VSK-MHD	Reinforcement Kit	12" to 45"	2-3/8" or 2-7/8"	2-7/8"	525 lbs.
VSK-MHD-L	Long Reinforcement Kit	12" to 45"	2-3/8" or 2-7/8"	2-7/8"	585 lbs.

Part #	Description	Weight
RM-ADK	Large-Pole Adapter Kit (45" to 60" Pole Diameter)	102 lbs.

V-Style Reinforcement Kit (Angle)

This kit is used to reinforce handrails on 3-sector platforms or T-arms.

- Provides extra rigidity to new or existing platform handrails
- Can be installed to support the handrails from above or below
- PRK-SFS and PRK-SFS-L fit round or polygon poles from 12" to 45" diameter, or up to 60" diameter with the addition of the RM-ADK large pole adapter Kit
- PQ-SFS fits round or polygon poles from 12" to 60" diameter
- Handrail connection hardware fits round members 1" to 3-1/2" OD



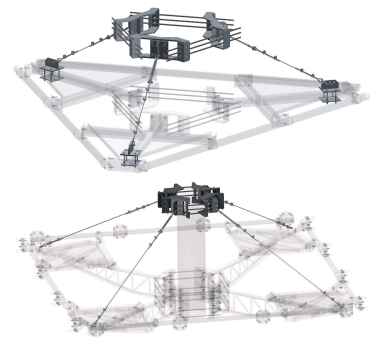
Part #	Description	Angle Size	Weight
PRK-SFS	Handrail Reinforcement Kit	L 2-1/2" x 2-1/2" x 3/16" x 52-1/2"	588 lbs.
PRK-SFS-L	Long Angle Handrail Reinforcement Kit	L 2-1/2" x 2-1/2" x 3/16" x 72"	642 lbs.

Part #	Description	Weight
RM-ADK	Large-Pole Adapter Kit (45" to 60" Pole Diameter)	102 lbs.

Cable Platform Reinforcement Kit

This cable platform reinforcement kit provides additional capacity for Fortress™ or other monopole platforms.

- Extremely low EPA
- Clamp ring mounts a minimum of 48" above the platform
- 5/16" galvanized aircraft cable
- Universal kit attaching hardware fits up to 4" square tube or round support arm
- Attach to the platform with 5/16" shackles
- CRK-DC3 and CRK-UC3 fit round or polygon poles from 12" to 45" diameter or up to 60" with the addition of the RM-ADK large pole adapter kit
- CRK-DC4 and CRK-UC4 fit round or polygon poles from 12" to 60" diameter



Part #	Platform Style	Pole Diameter	Horizontal Connection	Weight
CRK-DC3	Fortress™ F3P	12" – 45"	4" x 4" Max	350 lbs.
CRK-DC4	Fortress™ F4P	12" – 60"	4" x 4" Max	409 lbs.
CRK-UC3	Universal	12" – 45"	4" x 4" Max	415 lbs.
CRK-UC4	Universal	12" – 60"	4" x 4" Max	497 lbs.

Part #	Description	Weight
RM-ADK	Large-Pole Adapter Kit (45" to 60" Pole Diameter)	102 lbs.

Handrail Reinforcement Kit

This kit provides extra rigidity for existing platform handrails.

- Bracing attaches to platform standoff arms
- HSRK-35 hardware fits up to 5" round or square tube standoff arms
- HSRK-66 hardware fits up to 6" round or square tube standoff arms
- Handrail attachment hardware fits pipe handrails up to 3-1/2" OD
- Kit installation requires field cutting and drilling
- Includes bracing and attaching hardware for one corner of the platform



Part #	Angle Size	Weight
HSRK-35	L 3" x 3" x 1/4" x 96"	142 lbs.
HSRK-66	L 3" x 3" x 1/4" x 96"	143 lbs.

Handrail Corner Plate Kit

This kit is used to reinforce handrails on existing 3-sided platforms.

- Kit includes three corner brackets and attachment hardware
- Fits pipe handrails 2-3/8" to 3-1/2" OD

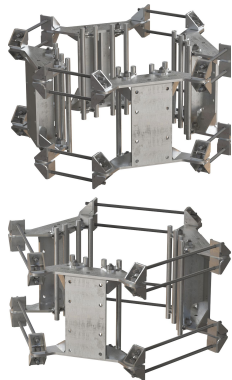
Part #	Weight
AHCP	67 lbs.



FLX Series™ Ring Mounts

The FLX Series™ Ring Mounts, with patent-pending VersaFlex™ Clamp Ring Technology, represent the next generation of mounting solutions, dynamically conforming to the unique shape of monopoles to significantly reduce stress, enhance structural integrity, and minimize pole damage.

- Mitigates localized stress and pole damage for improved structural integrity
- Round-on-round configuration pivots around the pole, adapting to its unique shape for a snug and secure fit
- Pivot points between rods reduce shifted loading, ensuring balanced and stable installations
- Constructed as a single weldment, offering higher D/t values for long-term reliability
- Designed to handle heavier, modern equipment loads with ease
- Contact us for load and engineering data



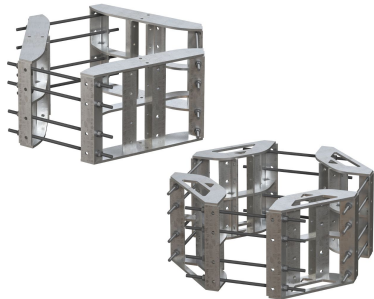
Part #	Sectors	Pole Sizes	Weight
FLX3-SD	3-Sided	12" - 36"	281 lbs.
FLX3-HD	3-Sided	12" - 44"	375 lbs.
FLX4-SD	4-Sided	12" - 60"	374 lbs.
FLX4-HD	4-Sided	12" - 60"	500 lbs.

Part #	Description	Weight
FLX-ADK	FLX Series™ Large Leg Adapter Kit	96 lbs.

Heavy-Duty Ring Mount Kit

Our most robust ring mount kits designed for the most extreme loading conditions.

- This is the ring mount used to support our Fortress™ platform mounts
- 18" overall height provides 17" contact area with the pole, reducing point loads and minimizing pole deformation
- Mounting hole pattern includes our standard 6" x 6" pattern as well as a 6" x 11-1/2" hole pattern for larger plates
- Kit include threaded rods and hardware
- Contact us for load and engineering data



Part #	Pole Sizes	Weight
RM3-HD	12" - 45"	338 lbs.
RM4-HD	12" - 60"	385 lbs.
RM3-LPK	45" - 60"	100 lbs.

Fortress™ Side Arm RRU Mounting Kit

This kit provides a simple way to add RRU's to a monopole Fortress™ standoff arm.

- Provide back-to-back pipes, useful for RRU mounting
- Uses clamp halves for universal pipe sizes
- Accepts mast pipe sizes 1.9" - 3.5" OD
- Order mounting pipes separately

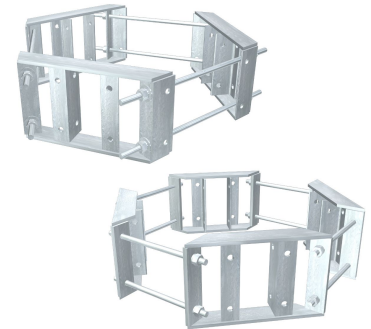


Part #	Description	Weight
FP-BBPM	Fortress™ Side Arm RRU Mounting Kit	32 lbs.

Lightweight Ring Mount Kit

This kit is used in lightweight ring mount applications of up to two antennas per sector.

- Easy to use lightweight ring mount
- Perfect for applications using two antennas per sector
- 6" x 6" bolt pattern
- Large and small pole adapter kit also available
- Contact us for load and engineering data

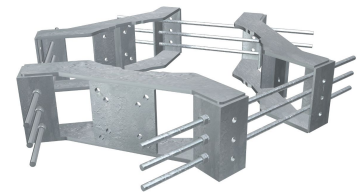


Part #	Pole Sizes	Weight
UGLM	10-1/2" - 28"	89 lbs.
LP-42	28" - 42"	90 lbs.
LP-6	6-5/8" - 10-1/2"	34 lbs.
UGLM4	10-1/2" - 42"	111 lbs.
QP-6	6-5/8" - 10-1/2"	46 lbs.

Universal Ring Mount Kit

This kit is used to attach tri-brackets and platforms to monopoles.

- Included in many of our kits, but also available separately
- Wider operating range than other brands
- Designed to stay as close as possible to the monopole, not interfering with external climbing ladders
- 6" x 6" bolt pattern
- Large-pole adapter kit available for poles larger than 45" and up to 60"
- Contact us for load and engineering data



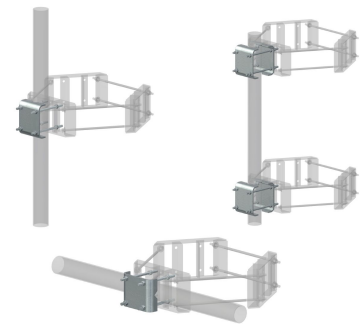
Part #	Pole Sizes	Weight
UQB4	12" - 60"	330 lbs.
LWRM	12" - 45"	250 lbs.
RM-ADK	45" - 60"	102 lbs.

Flush Mount Adapter Kit

This kit allows the flush attachment of vertical pipe to ring mounts.

- Fits our standard or lightweight ring mounts
- Kit includes plates and all hardware
- Order antenna mounting pipes separately
- FMA1 can be used to mount a pipe horizontally or vertically

Part #	Description	Pipe Size Range	Weight
FMA1	1 Plate and Hardware	1-1/2" - 4-1/2"	16 lbs.
FMA1-2	2 Plates and Hardware	1-1/2" - 4-1/2"	30 lbs.
FMA2	4 Plates and Hardware	1-1/2" - 4-1/2"	57 lbs.

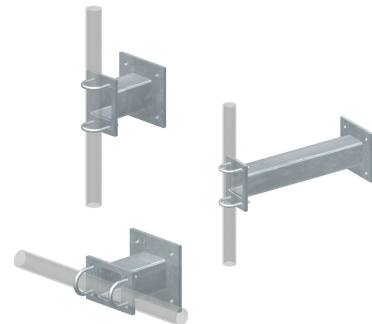


Standoff Arm Kit for Single Antennas

This kit allows the attachment of vertical pipe to ring mounts.

- Versatile 8", 24" or 36" standoff arms available
- Accepts 2-3/8", 2-7/8", or 3-1/2" pipes vertically or horizontally
- Fits our standard or lightweight ring mounts
- Includes attachment hardware
- Mounting plate is 1/2" thick by 8-1/2" square with four 11/16" holes on 6" centers
- Standoff is 4" x 3/16" square tube

Part #	Description	Weight
MM01	8" Support Arm	37 lbs.
MM02	24" Support Arm	51 lbs.
MM03	36" Support Arm	62 lbs.

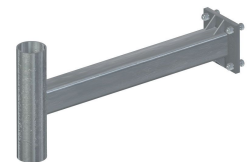


Support Arm Kit

This is the standard standoff arm used with our T-bracket mounts.

- 18", 24", 36", or 48" length with 4-1/2" OD x 18" stub
- Include attachment hardware
- Mounting plate is 3/4" thick by 8" square with four 11/16" holes on 6" centers
- Standoff is 4" x 1/4" square tube
- Unique welded gussets add strength

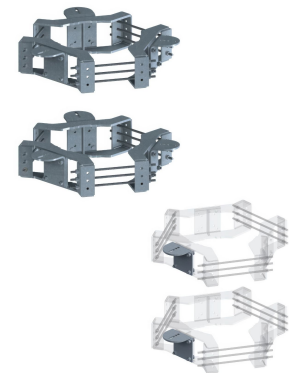
Part #	Description	Weight
SV197-18	18" Support Arm	55 lbs.
SV197-24	24" Support Arm	55 lbs.
SV197-36	36" Support Arm	82 lbs.
SV197-48	48" Support Arm	85 lbs.



Direct Frame Connection Kit

This kit enables attachment of V-Series™ Sector Frames to monopoles.

- Mounting pipes are not required
- MDFCC kit includes two ring mounts and attaching hardware for three sector frames
- Fits round or polygon poles from 12" to 45" diameter, or up to 60" with the addition of the RM-ADK large pole adapter kit
- RMBP will work with any ring mount using 5/8" bolts with a 6" x 6" hole pattern
- When ordering V-Series™ frames for use with this kit add "-NLB" to the part number to get the frame without the leg bracket hardware



Part #	Description	Weight
RMBP	Single Sector Direct Frame Connection Kit	35 lbs.
MDFCC	Monopole Direct Frame Connection Kit	634 lbs.
Part #	Description	Weight
RM-ADK	Large-Pole Adapter Kit (45" to 60" Pole Diameter)	102 lbs.

Sector Frame Attachment Assembly

This allows the easy attachment of sector frames to monopoles.

- Provides 4-1/2" OD mounting pipes for attachment of sector frames
- Includes two ring mounts, 4-1/2" OD mounting pipes, and hardware



Part #	Description	Pole Sizes	Weight
MSFAA-Q	Sector Frame Attachment Assembly (4 Sector)	12" - 60"	1105 lbs.
MSFAA	Sector Frame Attachment Assembly (3 Sector)	12" - 45"	789 lbs.
MSFAA-L	Sector Frame Attachment Assembly Large (3 Sector)	45" - 60"	992 lbs.

Cellular Pipe Frame

This kit provides a 3-1/2" OD horizontal pipe for attaching antenna mounting pipes.

- 3-1/2" pipe, 12'-6" or 14'-6" in length with mounting plate and U-bolts to mount to a 4-1/2" pipe
- Includes pipe, crossover plate and U-bolts



Part #	Length	Weight
SP216-12-NS	12'-6"	110 lbs.
SP216-14-NS	14'-6"	126 lbs.

Pipe Mount Kit

This kit is used to add mounting pipes to sector frames and platforms.

- Mount to 3-1/2" pipes (i.e. pipe frames and platforms)
- Kits include U-bolts, saddle bracket, and antenna mounting pipe
- For other sizes use SP219 or SP219-H with antenna mounting pipe

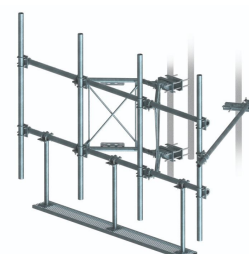


Part #	Mounting Pipe	Weight
SP219-96	2-3/8" x 96"	50 lbs.
SP219-126	2-3/8" x 126"	60 lbs.
SP219-96H	2-7/8" x 96"	68 lbs.
SP219-120H	2-7/8" x 120"	86 lbs.

Work Support Platform

This kit is used on T-arms to provide a safe work platform for technicians.

- 12" wide grating sections for workers to stand on
- For proper safety workers must be tied off to the monopole
- WP197 includes mounting hardware for square tube arms 3" to 4"
- WP197-10 includes hardware kit for attachment to horizontal face pipes 1-1/2" to 3-1/2" diameter
- WP197J-xx is an adjustable height working platform with direct attachment to mast pipes 2-3/8" - 2-7/8"

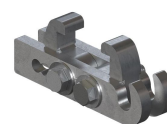


Part #	Length	Weight
WP197	3'	43 lbs.
WP197-10	10'	166 lbs.
WP197J-10	10'	102 lbs.
WP197J-12	12'	115 lbs.

PHH Series™ Port Hole Hanger

These hangers are used for cabling support as a clamp on solution.

- Hot-dip galvanized
- Fits 3", 3-1/2", 4" and 4-1/2" port rims
- 7/8" vertical clearance
- Accepts 1/4" shackles
- 1,200 lb vertical factored dead load per hanger



Part #	# of Shackles	Weight
PHH-AL	0	6 lbs.
PHH-AL-SP14	2	6 lbs.

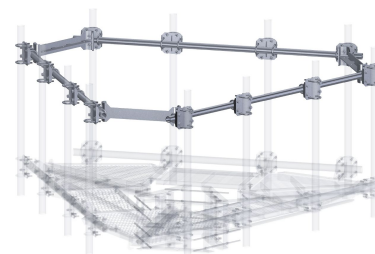
Handrail Kit for Fortress™ Tri-Platform Mounts

This handrail kit provides an added safety mechanism for tower technicians.

- Enhances safety
- Enhances ease of maintenance
- Includes all hardware for attachment



Part #	Description	Weight
F3P-HRK8	Handrail Kit for Fortress™ F3P-8W Platform	374 lbs.
F3P-HRK10	Handrail Kit for Fortress™ F3P-10W Platform	391 lbs.
F3P-HRK12	Handrail Kit for Fortress™ F3P-12W Platform	405 lbs.
F3P-HRK14	Handrail Kit for Fortress™ F3P-14W Platform	415 lbs.



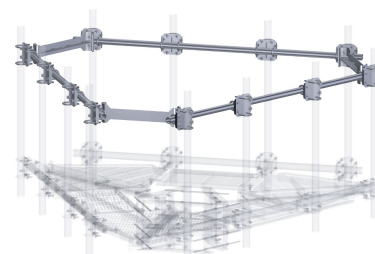
Handrail Kit for Fortress™ Quad-Platform Mounts

This handrail kit provides an added safety mechanism for tower technicians.

- Enhances safety
- Enhances ease of maintenance
- Includes all hardware for attachment



Part #	Description	Weight
F4P-HRK8	Handrail Kit for Fortress™ F4P-8W Platform	464 lbs.
F4P-HRK10	Handrail Kit for Fortress™ F4P-10W Platform	480 lbs.
F4P-HRK12	Handrail Kit for Fortress™ F4P-12W Platform	507 lbs.
F4P-HRK14	Handrail Kit for Fortress™ F4P-14W Platform	550 lbs.



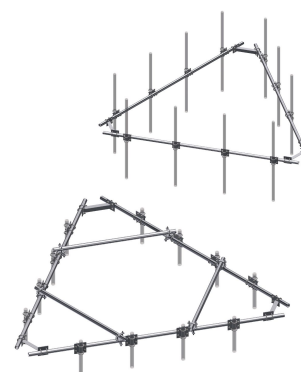
Handrail Kit for Low-Profile Co-Location Platform

Universal handrail kit for RMQP platform for use with 2-3/8" or 2-7/8" antenna pipes.

- Used to add handrails and antenna pipe support to existing platforms
- Universal design, works for a variety of platforms
- Complete kit includes handrail pipes, three corner brace kits, twelve crossover plates and hardware



Part #	Description	Pipes	Weight
HRK12-U	Handrail Kit for 12'-6" Face	2-3/8" and 2-7/8" Antenna Pipes	303 lbs.
HRK14-U	Handrail Kit for 14'-6" Face	2-3/8" and 2-7/8" Antenna Pipes	333 lbs.



Rooftop Sites



CSRT Series™ Multi-Sided Rooftop Mounts

The innovative CSRT Series™ Rooftop Mounts feature easy setup and transportation for even the most difficult to access rooftop sites.

- For the most difficult to access rooftop sites
- Available in 2-sided (corner) and 3-sided (penthouse) versions
- Bolt-together design, all hardware is 1/2"
- Maximum member weight 70 lb



Part #	# of Faces	Face Width	Mounting Pipes	Footprint	Mats Required	Weight
CSRT-24-81212	2	12'-6"	(8) 2-7/8" x 96"	150" x 150"	9	2160 lbs.
CSRT-34-81212	3	12'-6"	(12) 2-7/8" x 96"	150" x 150"	9	2670 lbs.

Part #	Description	Weight
MAT18	Rubber Mat 18" x 48"	16 lbs.
CSRT-BTD	Chain-Type Ballast Tie-Down Kit for Single Ballast Tray	12 lbs.

CSRT Series™ Tripod Rooftop Mounts

The innovative CSRT Series™ Rooftop Mounts feature easy setup and transportation for even the most difficult to access rooftop sites.

- For the most difficult to access rooftop sites
- 2-7/8" x 96" mast
- Bolt-together design, all hardware is 1/2"
- Maximum member weight 70 lb



Part #	Mounting Pipe	Footprint	Mats Required	Weight
CSRT-1C-1088	2-7/8" x 96"	96" x 96"	4	620 lbs.

Part #	Description	Weight
MAT18	Rubber Mat 18" x 48"	16 lbs.
CSRT-BTD	Chain-Type Ballast Tie-Down Kit for Single Ballast Tray	12 lbs.

CSRT Series™ Rooftop Mast

The innovative CSRT Series™ Rooftop Mounts feature easy setup and transportation for even the most difficult to access rooftop sites.

- For the most difficult to access rooftop sites
- Bolt-together design, all hardware is 1/2"
- All members are 96" or less in length for transport in elevators
- Maximum member weight 70 lb
- RRU mount included



Part #	Mounting Pipe	Footprint	Mats	RRU Mounts	Weight
CSRT1-10-RRU	2-7/8" x 10'	96" x 96"	4	1	640 lbs.
CSRT1D-10-RRU	2-7/8" x 10'	96" x 140"	6	1	750 lbs.

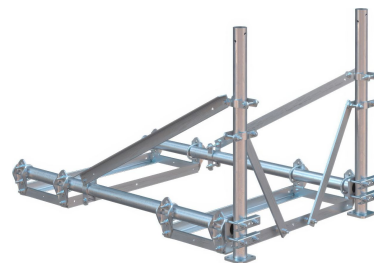
Part #	Description	Weight
MAT18	Rubber Mat 18" x 48"	16 lbs.
CSRT-BTD	Chain-Type Ballast Tie-Down Kit for Single Ballast Tray	12 lbs.

ROOFTOP MOUNTS

CSRT Series™ Small Ballast Mounts

The innovative CSRT Series™ Rooftop Mounts feature easy setup and transportation for even the most difficult to access rooftop sites.

- For the most difficult to access rooftop sites
- Bolt-together design, all hardware is 1/2"
- All members are 96" or less in length for transport in elevators
- Maximum member weight 70 lb
- Mounting pipe extensions not included
- Small footprint to maximize available space



Part #	Mounting Pipe	Footprint	Mats Required	Weight
CSRT-1D-SB	(1) 2-7/8" x 48"	36" x 48"	2	190 lbs.
CSRT3-SB	(2) 2-7/8" x 48"	36" x 72"	2	319 lbs.

CSRT Series™ Penetrating Rooftop Mounts

The innovative CSRT Series™ Rooftop Mounts feature easy setup and transportation for even the most difficult to access rooftop sites.

- For the most difficult to access rooftop sites
- Penetrating design attaches to roof
- Large footpads distribute loads over wider area
- Bolt-together design, all hardware is 1/2"
- All members are 96" or less in length for transport in elevators
- Maximum member weight 70 lb



Part #	Description	Weight
CSRT-3P3-1085	8'-6" Penetrating CSRT Series™ Rooftop Mount	1025 lbs.
CSRT-4P3-10128	12'-6" Penetrating CSRT Series™ Rooftop Mount	1105 lbs.

Non-Penetrating Rooftop Angle Frames

These rooftop angle frames are non-penetrating and easy to assemble.

- Available with or without antenna mounting pipes
- Welded trays for easy assembly
- Standard kit accepts 2-3/8" antenna mounting pipes
- For other size antenna mounting pipes purchase UPA-K universal pipe mount kit
- See our online assembly drawings for ballast equations at SitePro1.com



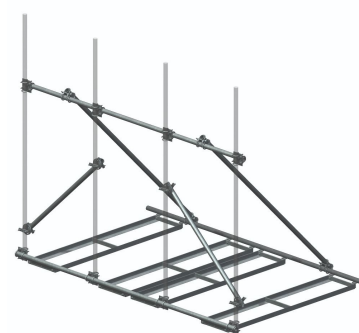
Part #	Face Width	Mounting Pipes	Footprint	Mats Required	Weight
RTW-7-2-96	7'	(2) 2-3/8" x 96"	93"W x 98"D	4	511 lbs.
RTW-7-2-126	7'	(2) 2-3/8" x 126"	93"W x 98"D	4	527 lbs.
RTW-10-3-96	10'-6"	(3) 2-3/8" x 96"	93"W x 98"D	4	562 lbs.
RTW-10-3-126	10'-6"	(3) 2-3/8" x 126"	93"W x 98"D	4	586 lbs.
RTW-12-3-96	12'-6"	(3) 2-3/8" x 96"	93"W x 98"D	4	576 lbs.
RTW-12-3-126	12'-6"	(3) 2-3/8" x 126"	93"W x 98"D	4	600 lbs.
RTW-12-4-96	12'-6"	(4) 2-3/8" x 96"	93"W x 98"D	4	604 lbs.
RTW-12-4-126	12'-6"	(4) 2-3/8" x 126"	93"W x 98"D	4	636 lbs.

Part #	Description	Weight
CSRT-BTD	Chain-Type Ballast Tie-Down Kit for Single Ballast Tray	12 lbs.
UPA-K	Non-Penetrating Rooftop Angle Frames (Univ Pipe Mount Kit)	16 lbs.

Non-Penetrating Rooftop Pipe Frames

These rooftop pipe frames are non-penetrating and easy to assemble.

- Perfect for larger loads like multiple RRU's or antennas
- Available with or without antenna mounting pipes
- Welded trays for easy assembly
- Standard kits accept 2-3" antenna mounting pipes
- For other size antenna mounting pipes purchase SCX7-U universal crossover plate kits
- If additional ballast capacity is required use ballast tray add-on kits
- Purchase rubber mats separately
- See our online assembly drawings for ballast equations at SitePro1.com



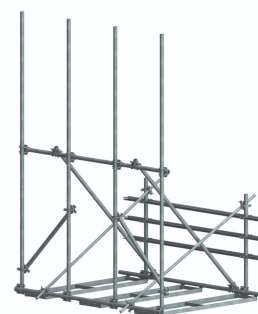
Part #	Face Width	Mounting Pipes	Footprint	Mats Required	Weight
RTP10-496	10' - 6"	(4) 2-3/8" x 96"	92" x 126"	6	694 lbs.
RTP10-4126	10' - 6"	(4) 2-3/8" x 126"	92" x 126"	6	735 lbs.
RTP12-496	12' - 6"	(4) 2-3/8" x 96"	92" x 150"	8	943 lbs.
RTP12-4126	12' - 6"	(4) 2-3/8" x 126"	92" x 150"	8	1029 lbs.
RTP14-496	14' - 6"	(4) 2-3/8" x 96"	92" x 174"	12	1060 lbs.
RTP14-4126	14' - 6"	(4) 2-3/8" x 126"	92" x 174"	12	1020 lbs.

Part #	Description	Weight
MAT18	Rubber Mat 18" x 48"	16 lbs.
CSRT-BTD	Chain-Type Ballast Tie-Down Kit for Single Ballast Tray	12 lbs.
SCX7-U	Universal Crossover Plate Kits	16 lbs.

Non-Penetrating Rooftop Frames with RRU Mounts

These rooftop pipe frames are non-penetrating, easy to assemble and include integral RRU mounts.

- Similar to our standard non-penetrating rooftop pipe frames, but include a rear RRU mounting frame
- Standard kits include four 2-3/8" x 174" antenna mounting pipes
- NP kits include hardware for 2-3/8" antenna mounting pipes; purchase antenna mounting pipes separately
- If using other size antenna mounting pipes purchase SCX7-U universal crossover plate kits
- Welded trays for easy assembly
- If additional ballast capacity is required use ballast tray add-on kits
- Purchase rubber mats separately
- See our online assembly drawings for ballast equations at SitePro1.com



Part #	Face Width	Mounting Pipes	Footprint	Mats Required	Weight
RTP10-3RRU	10'-6"	(4) 2-3/8" x 174"	92" x 126"	6	1049 lbs.
RTP12-3RRU	12'-6"	(4) 2-3/8" x 174"	92" x 150"	8	1108 lbs.
RTP14-3RRU	14'-6"	(4) 2-3/8" x 174"	92" x 174"	12	1375 lbs.

Part #	Description	Weight
MAT18	Rubber Mat 18" x 48"	16 lbs.
CSRT-BTD	Chain-Type Ballast Tie-Down Kit for Single Ballast Tray	12 lbs.
SCX7-U	Universal Crossover Plate Kits	16 lbs.

Non-Penetrating Rooftop RRU Mounts

These rooftop mounts are non-penetrating, easy to assemble and include unistrut for RRU mounting.

- RT-RRU5HD is designed for 8 RRU mounting locations
- RT-RRU10HD is designed for 14 RRU mounting locations
- Horizontals are 12 gauge galvanized slotted unistrut for direct mounting
- Suitable for mounting RRU's on both sides
- If additional ballast capacity is required use ballast tray add-on kits
- Purchase rubber mats separately
- See our online assembly drawings for ballast equations at SitePro1.com



Part #	Face Width	Footprint	Mats Required	Weight
RT-RRU5HD	5'	55" x 63"	2	282 lbs.
RT-RRU10HD	10'	84" x 98"	4	398 lbs.

Part #	Description	Weight
MAT18	Rubber Mat 18" x 48"	16 lbs.
CSRT-BTD	Chain-Type Ballast Tie-Down Kit for Single Ballast Tray	12 lbs.

Non-Penetrating Tripod

This heavy-duty mount is non-penetrating and accepts a variety of pipe diameters.

- Welded trays for quick assembly
- Accepts 2-3/8" - 4-1/2" mast pipes
- Order pipe and rubber mats separately
- See our online assembly drawings for ballast equations at SitePro1.com



Part #	Description	Weight
TRPD-HD	Non-Penetrating Tripod	400 lbs.

Part #	Description	Weight
MAT18	Rubber Mat 18" x 48"	16 lbs.
CSRT-BTD	Chain-Type Ballast Tie-Down Kit for Single Ballast Tray	12 lbs.

Penetrating Tripod

This heavy-duty mount is penetrating and accepts a variety of pipe diameters.

- Accepts 2-3/8" - 4-1/2" mast pipes
- Order pipe separately
- 1/2" x 3" stainless wedge anchors included



Part #	Description	Weight
TRPD-HD-PEN	Penetrating Tripod	174 lbs.

Penetrating Rooftop Mounts

These rooftop mounts are penetrating, easy to assemble and include mounting pipe attachment hardware.

- 2-3/8" OD by 10'-6" or 12'-6" face widths hold up to four panel antennas
- Unique angle iron base eliminates weep hole and pitch pockets
- Include attaching hardware to mount up to four 2-3/8" or 2-7/8" OD antenna mounting pipes



Part #	Description	Weight
TP1-10	10' Single-Sector Penetrating Rooftop Mount	487 lbs.
TP1-12	12' Single-Sector Penetrating Rooftop Mount	500 lbs.



Water Tank Tripod Mount & Penetrating Roof Mount

These mounts penetrating and are ideal for use on both rooftops and water tanks.

- Welds on top water tanks or bolts to rooftops with 1/2" bolts
- 2-3/8" x 96" mast
- Bracket slides for easy adjustment to sloped surfaces



Part #	Application	Weight
WTT96	Water Tank Tripod	114 lbs.

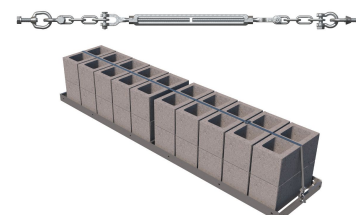


Ballast Tie-Down Kit for Non-Penetrating Rooftop Mounts

This tie-down kit is used to secure the ballast for non-penetrating rooftop mounts.

- Banding-type ballast tie-down kit
- Includes ballast tray attaching hardware only for 6 ballast trays
- BAND-BTD includes banding
- BAND-BTD-NB does not include banding

Part #	Weight
CSRT-BTD	12 lbs.



Ballast Tray Add-On Kits

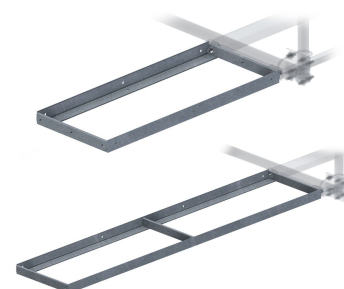
These kits are used to provide additional ballast to non-penetrating rooftop mounts.

- Available in 4' and 8' versions
- Includes hardware for bolting to existing ballast trays



Part #	Tray Dimensions	Mats Required	Weight
TA4-S	18" x 48"	1	39 lbs.
TA8-S	18" x 96"	2	69 lbs.

Part #	Description	Weight
MAT18	Rubber Mat 18" x 48"	16 lbs.



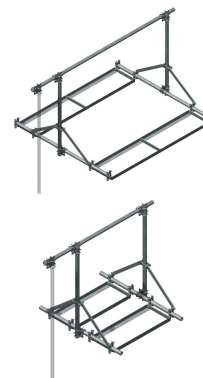
ROOFTOP MOUNTS

Rooftop Parapet Overhang Mounts

These rooftop mounts are non-penetrating, easy to assemble and are designed for use with parapet walls.

- Non-penetrating design, small and large versions available
- Designed for parapet walls 24"-58" high
- Purchase 2-3/8" antenna mounting pipes separately
- If additional ballast capacity is required use ballast tray add-on kits
- Purchase rubber mats separately
- See our online assembly drawings for ballast equations

Part #	Footprint	Mats Req	Weight
RPO-S	52" x 63"	2	283 lbs.
RPO-L	84" x 92"	4	370 lbs.
BHD5-K	(RPO-S) Ballast Tie Down Kit 2 Required	---	6 lbs.



Rooftop Flushmount Overhang Mounts

This product provides a sturdy, non-penetrating rooftop mounting solution.

- Non-penetrating design
- Small and large versions available
- Purchase 2-3/8" antenna mounting pipes separately
- Purchase Rubber Mats separately
- Call or see our online assembly drawings for ballast equations

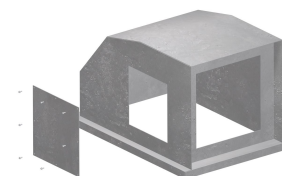
Part #	Footprint	Mats Req	Weight
RFO-S	52" x 63"	2	180 lbs.
RFO-L	84" x 92"	4	278 lbs.



Rooftop Hood Entry

This hood entry provides a weather-resistant rooftop entry for cable runs.

- Pre-assembled; hot-dip galvanized steel
- Bottom opening 26" x 41"; front opening 20.5" x 20.5"; side opening 16" x 16"
- Overall dimensions: 48-1/2" L x 33-3/4" W x 31-3/4" H
- Order entry panels separately



Part #	Application	Weight
SP365G	Rooftop Hood	250 lbs.

Cooper B-Line Dura-Blok™

These rubber blocks are used for rooftop cable support systems.

- Made from 100% recycled rubber
- Does not require a separate rubber mat to protect the roof
- Includes 14 gauge galvanized channel, 1" high
- Strut attachment hardware sold separately

Part #	Height	Width	Length	Weight
DB5	5"	6"	4.8"	3 lbs.
DB10	5"	6"	9.6"	6 lbs.
DB20	5"	6"	20.2"	6 lbs.

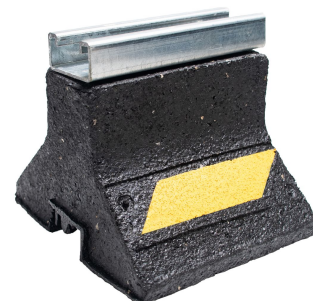


Rubber Rooftop Supports

These rubber blocks are used for rooftop cable support systems.

- Small rubber supports provide an economic alternative for rooftop cable support
- 100% recycled rubber does not require a separate rubber mat
- C5-B: UV-resistant strut 1-5/8" wide by 7/8" tall with a max load of 300 lb
- C10 & C20: UV-resistant strut 1-5/8" wide by 13/16" tall with a max load of 750 lb
- Strut attachment hardware sold separately

Part #	Height	Width	Length	Weight
C5-B	4-7/8"	6"	5"	3 lbs.
C10	4-7/8"	6"	9.6"	6 lbs.
C20	4-7/8"	6"	19.2"	12 lbs.

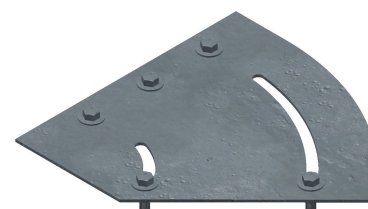


Adjustable Splices for Rooftop Cable Kits

These splices are used to join sections of cable kits.

- Use to make up to a 45° bend
- Hot-dip galvanized
- Includes hardware

Part #	Application	Weight
SP1573	0-45° splice, 4-Run Kits	4 lbs.
SP1574	0-45° splice, 8-Run Kits	11 lbs.
SP1597	0-45° splice, 12-Run Kits	40 lbs.



ROOFTOP CABLE

Sleeper Pads

These pads provide protection for rooftops and keep sleepers in position.

- Manufactured from UV-resistant 1/4" thick rubber

Part #	Size	Weight
RP4	4" x 10'	6 lbs.
RP8	8" x 10'	12 lbs.

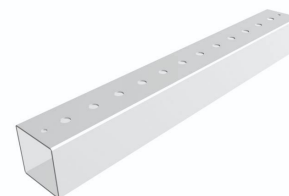


PVC Rooftop Sleepers

These sleepers are used with the rooftop cable support kits.

- Manufactured from durable 4" x 4" UV-resistant PVC
- Available pre-cut and pre-punched with snap-in holes; also available in blank 8' lengths

Part #	# of Runs	Length	Weight
SLPR4	4	22"	4 lbs.
SLPR8	8	31-7/8"	4 lbs.
SLPR12	12	43-3/8"	5 lbs.
SLBLANK	No Holes	8'	13 lbs.



Rooftop Cable Run T-Stands

These cable run stands enable the support of horizontal runs on rooftops.

- Galvanized steel
- Base plates are 1/2" x 12" x 12" with 9/16" holes
- Includes ladder mounting hardware
- Cable ladder sold separately
- TL24-NP is sold without the horizontal pipe for custom applications; purchase 2-3/8" pipe separately
- 1/2" wedge anchors sold separately

Part #	# of Runs	Height	Width	Use with Ladder	Weight
TL24-14	4	24"	14.5"	WCL4	60 lbs.
TL24-20	6	24"	21"	WCL6	60 lbs.



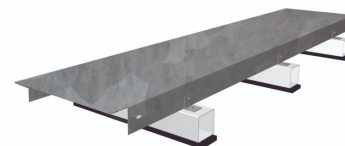
Rooftop Cable Support Kits

These cable kits are used to protect cables on rooftops.

- Self-splicing cover eliminates need for splices
- Heavy-duty 12 gauge galvanized steel
- Each kit includes three sleepers and hardware
- Cover height is 3-1/2"
- SP1595 uses two covers side by side



Part #	# of Runs	Cover Size	Weight
SP1542	4	11-1/2" x 8'	100 lbs.
SP1543	8	21-1/2" x 8'	91 lbs.
SP1595	12	33" x 8'	200 lbs.



Tall Rooftop Cable Support Kits

These cable kits are used to protect cables on rooftops.

- Accepts stackable snap-Ins
- Stack up to two 1-5/8" snap-Ins or three 7/8" snap-Ins
- Self-splicing cover eliminates need for splices
- Heavy-duty 12 gauge galvanized steel cover
- Each kit includes three sleepers and hardware
- Cover height is 8-1/4"
- SP1595D uses two covers side by side



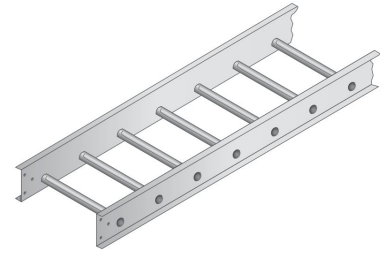
Part #	# of Holes for Snap-Ins	Cover Size	Weight
SP1542D	4 (stack up to (8) 1-5/8" cables, or (12) 7/8" cables)	11-1/2" x 8'	85 lbs.
SP1543D	8 (stack up to (16) 1-5/8" cables, or (24) 7/8" cables)	21-1/2" x 8'	168 lbs.
SP1595D	12 (stack up to (24) 1-5/8" cables, or (36) 7/8" cables)	33" x 8'	264 lbs.



Straight Aluminum Cable Tray

These products are used to support rooftop cable runs.

- 5" side rails with 4" loading depth
- 9" rung spacing
- Each 12' section includes splices and hardware
- 3/4" lip on both sides

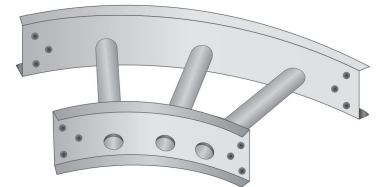


Part #	Size	Type	Weight
LT-06-4D	6" x 12'	Tray	15 lbs.
LT-VSS-06-A	6" x 12'	Cover	5 lbs.
LT-09-4D	9" x 12'	Tray	17 lbs.
LT-VSS-09-A	9" x 12'	Cover	7 lbs.
LT-12-4D	12" x 12'	Tray	19 lbs.
LT-VSS-12-A	12" x 12'	Cover	8 lbs.
LT-18-4D	18" x 12'	Tray	22 lbs.
LT-VSS-18-A	18" x 12'	Cover	11 lbs.
LT-24-4D	24" x 12'	Tray	23 lbs.
LT-VSS-24-A	24" x 12'	Cover	15 lbs.

45° Horizontal Bends

This bend provides a 45° angle bend when connecting cable tray sections.

- Each section includes splice plates and hardware
- Matching cover listed below

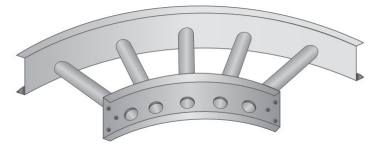


Part #	Description	Type	Weight
LT-C45-06-4D	6" (45° Bend)	Tray	2 lbs.
LT-V45-06-A	6" (45° Bend)	Cover	1 lb.
LT-C45-09-4D	9" (45° Bend)	Tray	3 lbs.
LT-V45-09-A	9" (45° Bend)	Cover	1 lb.
LT-C45-12-4D	12" (45° Bend)	Tray	3 lbs.
LT-V45-12-A	12" (45° Bend)	Cover	2 lbs.
LT-C45-18-4D	18" (45° Bend)	Tray	4 lbs.
LT-V45-18-A	18" (45° Bend)	Cover	2 lbs.
LT-C45-24-4D	24" (45° Bend)	Tray	5 lbs.
LT-V45-24-A	24" (45° Bend)	Cover	3 lbs.

90° Horizontal Bends

This bend provides a 90° angle bend when connecting cable tray sections.

- Each section includes splice plates and hardware
- Matching cover listed below

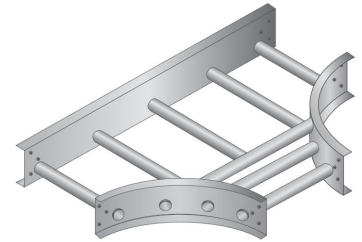


Part #	Description	Type	Weight
LT-C90-06-4D	6" (90° Bend)	Tray	4 lbs.
LT-V90-06-A	6" (90° Bend)	Cover	2 lbs.
LT-C90-09-4D	9" (90° Bend)	Tray	5 lbs.
LT-V90-09-A	9" (90° Bend)	Cover	2 lbs.
LT-C90-12-4D	12" (90° Bend)	Tray	6 lbs.
LT-V90-12-A	12" (90° Bend)	Cover	3 lbs.
LT-C90-18-4D	18" (90° Bend)	Tray	7 lbs.
LT-V90-18-A	18" (90° Bend)	Cover	4 lbs.
LT-C90-24-4D	24" (90° Bend)	Tray	9 lbs.
LT-V90-24-A	24" (90° Bend)	Cover	6 lbs.

Horizontal T-Junctions

This junction enables the connection of multiple cable tray sections.

- Each section includes splices and hardware
- Matching cover listed below



Part #	Description	Type	Weight
LT-TJ-06-4D	6" (T-Junction)	Tray	8 lbs.
LT-VTJ-06-A	6" (T-Junction)	Cover	6 lbs.
LT-TJ-09-4D	9" (T-Junction)	Tray	9 lbs.
LT-VTJ-09-A	9" (T-Junction)	Cover	7 lbs.
LT-TJ-12-4D	12" (T-Junction)	Tray	10 lbs.
LT-VTJ-12-A	12" (T-Junction)	Cover	7 lbs.
LT-TJ-18-4D	18" (T-Junction)	Tray	12 lbs.
LT-VTJ-18-A	18" (T-Junction)	Cover	8 lbs.
LT-TJ-24-4D	24" (T-Junction)	Tray	13 lbs.
LT-VTJ-24-A	24" (T-Junction)	Cover	8 lbs.

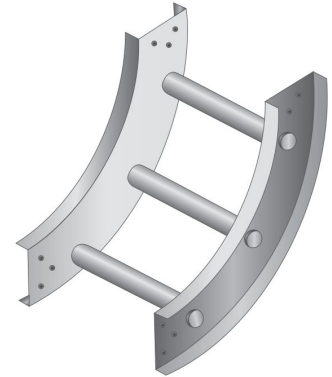
Inside 90° Vertical Risers

This riser enables the horizontal to vertical connection of cable tray sections.

- Each section includes splice plates and hardware
- Matching cover listed below



Part #	Description	Type	Weight
LT-RI90-06-4D	6" (Inside Vert. Riser)	Tray	5 lbs.
LT-VRI90-06-A	6" (Inside Vert. Riser)	Cover	2 lbs.
LT-RI90-09-4D	9" (Inside Vert. Riser)	Tray	5 lbs.
LT-VRI90-09-A	9" (Inside Vert. Riser)	Cover	2 lbs.
LT-RI90-12-4D	12" (Inside Vert. Riser)	Tray	6 lbs.
LT-VRI90-12-A	12" (Inside Vert. Riser)	Cover	3 lbs.
LT-RI90-18-4D	18" (Inside Vert. Riser)	Tray	7 lbs.
LT-VRI90-18-A	18" (Inside Vert. Riser)	Cover	3 lbs.
LT-RI90-24-4D	24" (Inside Vert. Riser)	Tray	8 lbs.
LT-VRI90-24-A	24" (Inside Vert. Riser)	Cover	4 lbs.



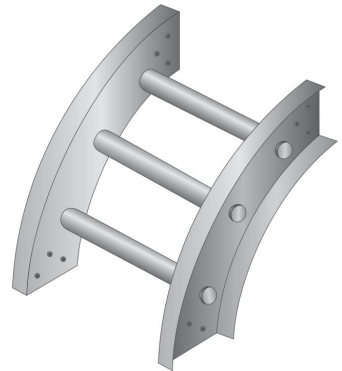
Outside 90° Vertical Risers

This riser enables the horizontal to vertical connection of cable tray sections.

- Each section includes splice plates and hardware
- Matching cover listed below



Part #	Description	Type	Weight
LT-RO90-06-4D	6" (Outside Vert. Riser)	Tray	5 lbs.
LT-VRO90-06-A	6" (Outside Vert. Riser)	Cover	2 lbs.
LT-VRO90-09-A	9" (Outside Vert. Riser)	Cover	2 lbs.
LT-RO90-12-4D	12" (Outside Vert. Riser)	Tray	6 lbs.
LT-VRO90-12-A	12" (Outside Vert. Riser)	Cover	3 lbs.
LT-RO90-18-4D	18" (Outside Vert. Riser)	Tray	7 lbs.
LT-VRO90-18-A	18" (Outside Vert. Riser)	Cover	4 lbs.
LT-RO90-24-4D	24" (Outside Vert. Riser)	Tray	7 lbs.
LT-VRO90-24-A	24" (Outside Vert. Riser)	Cover	5 lbs.

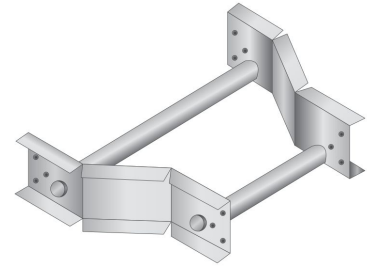


Straight Reducers

This reducer is used to connect cable tray sections.

- Used to mate smaller width tray to larger widths

Part #	Description	Type	Weight
248-12ST-06	12" to 6" Reducer	Tray	2 lbs.
FS28-12ST-06	12" to 6" Reducer	Cover	1 lb.
248-12ST-09	12" to 9" Reducer	Tray	2 lbs.
FS28-12ST-09	12" to 9" Reducer	Cover	1 lb.
248-18ST-12	18" to 12" Reducer	Tray	2 lbs.
FS28-18ST-12	18" to 12" Reducer	Cover	1 lb.
248-24ST-12	24" to 12" Reducer	Tray	2 lbs.
FS28-24ST-12	24" to 12" Reducer	Cover	1 lb.
248-24ST-18	24" to 18" Reducer	Tray	2 lbs.
FS28-24ST-18	24" to 18" Reducer	Cover	2 lbs.



Channel Type Cover Connectors

These connectors secure covers to cable tray sections.

- Heavy-duty cover hold down
- Use in high wind applications
- Minimum of three cover connectors required per 12' cable tray section

Part #	Description	Weight
248-06-DC	6" Cover Connector	2 lbs.
248-09-DC	9" Cover Connector	2 lbs.
248-12-DC	12" Cover Connector	2 lbs.
248-18-DC	18" Cover Connector	2 lbs.
248-24-DC	24" Cover Connector	2 lbs.

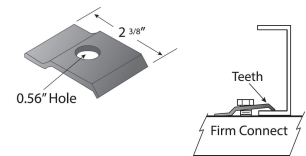


Ladder Hold-Down Clamp

This clamp is used to secure cable tray sections.

- Hold-down clamp accepts 1/2" hardware

Part #	Description	Weight
9131	Hold-Down Clamp	1 lb.

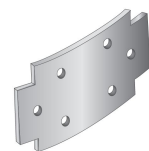


Ladder Splice Plates

This pair of splices is used to join cable tray sections.

- Splice plates are included with ladder sections, but also available separately; sold in pairs and include hardware

Part #	Description	Weight
LT-SS-A	Pair of Straight Splices	2 lbs.

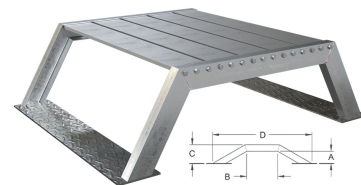


STEP OVERS

Aluminum Step-Over Kits

These step-over kits provide a safe means of access and egress over roof-mounted cable trays, conduit, ductwork, etc

- Aluminum construction keeps the weight down
- Heliarc-welded heavy-duty aluminum frames are rust and maintenance free
- Non-skid treads on platform are self-cleaning
- Load rating is 1,200 lb

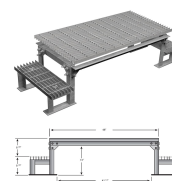


Part #	A	B	C	D	Width	Feet	Weight
UB10-24	10"	24"	13"	42.5"	36"	6" x 18"	55 lbs.
UB10-36	10"	36"	13"	48"	18"	6" x 18"	65 lbs.

Steel Step-Over Kits

These step-over kits provide a safe means of access and egress over roof-mounted cable trays, conduit, ductwork, etc

- Sturdy steel construction
- Minimal bolt-together assembly
- 24" wide safety grated non-skid surfaces
- All parts hot-dip galvanized



Part #	Description	Weight
STEP48	Galvanized Steel Step-Over Kit	175 lbs.

Modular Steel Step-Over Kits

These step-over kits provide a safe means of access and egress over roof-mounted cable trays, conduit, ductwork, etc

- Hot-dip galvanized steel construction with non-skid expanded metal walking surfaces
- Available in a variety of sizes and configurations



Part #	Description	Legs	Handrails	Steps	Height	Span	Weight
MSO44-4SS1	4' W x 4' L Modular Stepoever	Footpads	No	1	9" - 14.5"	29.5"	454 lbs.
MSO44-4JH16S2	4' W x 4' L Modular Stepoever	Jack	Yes	2	9" - 24"	29.5"	965 lbs.
MSO46-6SS1	4' W x 6' L Modular Stepoever	Footpads	No	1	9" - 14.5"	53.5"	543 lbs.
MSO46-6JH20S2	4' W x 6' L Modular Stepoever	Jack	Yes	2	9" - 24"	53.5"	1138 lbs.
MSO48-8SS1	4' W x 8' L Modular Stepoever	Footpads	No	1	9" - 14.5"	77.5"	631 lbs.
MSO48-8JH24S2	4' W x 8' L Modular Stepoever	Jack	Yes	2	9" - 24"	77.5"	1279 lbs.

Part #	Description	Weight
MAT18	Rubber Mat 18" x 48"	16 lbs.

Wall Mounts & Chimney Mounts



Wall Mount Covered Cable Kits

This kits provides protection and coverage for wall mounted cable runs.

- Include galvanized covers and two wall mount brackets to support the cable
- Wall mount brackets are punched for snap-in hangers
- Covers are 8' long
- 12-run kits are one piece and no splicing is required
- Covers are 5-1/4" deep with a 3-1/4" loading depth
- Self-splicing design eliminates the need for splice plates!



Part #	# of Runs	Size	Weight
WMC4	4	11-1/2" x 8'	50 lbs.
WMC8	8	21-1/2" x 8'	70 lbs.
WMC12	12	31" x 8'	90 lbs.



Deep Wall Mount Covered Cable Kits

This kits provides protection and coverage for wall mounted cable runs.

- Deeper covers allow use of stackable snap-ins
- Include galvanized covers and two wall mount brackets to support the cable
- Covers are 8' long
- Covers are 9" deep with a 7" loading depth
- Self-splicing design eliminates the need for splice plates!



Part #	# of Snap-In Holes	Size	Weight
WMC4D	4 (Stack up to 8 Runs)	11-1/2" x 8'	62 lbs.
WMC8D	8 (Stack up to 16 Runs)	21-1/2" x 8'	82 lbs.



Wall Mount Brackets

These brackets provide a means of attaching wall mounted cable runs.

- Included with wall mount kits, but also available separately
- Hot-dip galvanized
- 9/16" mounting holes for 1/2" hardware
- SP1586 two mounting holes 5-3/4" c-c spacing
- SP1587 three mounting holes 7-27/32" c-c spacing
- SP1588 three mounting holes 12-7/16" c-c spacing



Part #	# of Runs	Size	Weight
SP1586	4	11-1/4"	5 lbs.
SP1587	8	21-1/4"	8 lbs.
SP1588	12	30-1/2"	11 lbs.

Z-Bracket Wall Mounts

These brackets provide a means of attaching wall mounted cable runs.

- Pre-punched for snap-in and butterfly hangers
- Hot-dip galvanized
- 7/16" holes for 3/8" mounting hardware

Part #	# of Runs	Size	Weight
ZB12	4	11"	3 lbs.
ZB24	8	21"	6 lbs.
ZB36	12	32-1/2"	8 lbs.

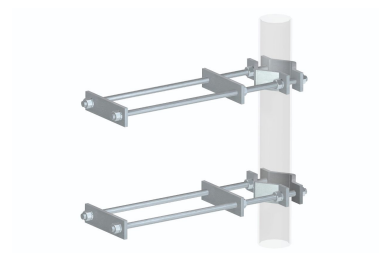


Clamp Set Wall Mount

This mount provides a simple and economical means of mounting antennas to a wall.

- Antenna mounting pipes ordered separately
- Intended to support one panel, whip, or yagi antenna
- Mounts to solid or hollow walls
- Threaded rods are 5/8" x 24" HDG

Part #	Pipe Size	Wall Thickness	Kit Qty.	Weight
WM1665	1" - 4-1/2"	Up to 1' 2"	Kit of 2	26 lbs.



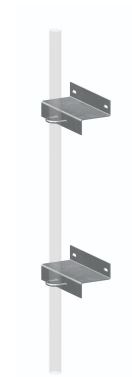
Cantilever Wall Mounts

These mounts provide a means of mounting panel antennas to a wall.

- The brackets are 14-1/2" wide and stand 2-3/4" or 6" off wall
- Accept 2-3/8", 2-7/8", or 3-1/2" antenna mounting pipes (sold separately)
- Include U-bolts for 2-3/8" antenna mounting pipe; order U-bolts for 2-7/8" or 3-1/2" antenna mounting pipes separately
- Order hardware to mount to hollow or solid walls
- Mounting holes 9/16" x 1-1/2" slots on 11-1/2" centers

Part #	Description	Standoff	Weight
SP250	Two Cantilever Wall Mounts w/U-Bolts	2-3/4"	14 lbs.
SP250-6	Two Cantilever Wall Mounts w/U-Bolts	6"	18 lbs.

Part #	Description	Weight
HWK12	Hollow Wall Mount Kit	4 lbs.
SWK12	Solid Wall Mount Kit	5 lbs.



Angle Wall Mount Kits

This kit is used to attach panel and other small antennas to walls.

- Stands 3" or 4" off wall
- Kits include two brackets and U-bolts
- Order antenna mounting pipe separately
- Order hardware to mount to hollow or solid walls

Part #	Pipe OD	Angle Size	Mounting Holes	Standoff	Weight
WMA238	2-3/8"	3" x 3" x 15"	11/16" on 12" centers	3"	24 lbs.
WMA300	2-7/8"	3" x 3" x 15"	11/16" on 12" centers	3"	24 lbs.
WMA312	3-1/2"	4" x 4" x 24"	11/16" on 21" centers	4"	57 lbs.
WMA412	4-1/2"	4" x 4" x 24"	11/16" on 21" centers	4"	57 lbs.



Slider Bracket Wall Mount Kits

This kit is used to attach antennas to walls.

- Stands 11" off wall, 1' to pipe centerline
- Complete kits with U-bolts
- Order antenna mounting pipe separately
- Order hardware to mount to hollow or solid walls
- If 16" spacing between concrete anchors is required, order SBWM-16L long wall angle kit
- Mounting holes 13/16" x 1" slots on 12" centers

Part #	Description	Pipe OD	Weight
SBWM	Two Slider Brackets w/ Hardware	2-3/8" - 2-7/8"	51 lbs.
SBWM-HD	Two Slider Brackets w/ Hardware	3-1/2" - 4-1/2"	53 lbs.

Part #	Description	Weight
SBWM-16L	Long Wall Angle Kit for Slider Bracket Wall Mount Kits	17 lbs.
HWK58	Hollow Wall Mount Kit	9 lbs.
SWK58	Solid Wall Mount Kit	10 lbs.



Slider Bracket Corner Mount Kits

This kit is used to attach antennas at 90° wall corners.

- 12-1/4" to pipe centerline
- Complete kits with U-bolts
- Order antenna mounting pipe separately
- Order hardware to mount to hollow or solid walls

Part #	Description	Pipe OD	Weight
CWMM	Two Slider Bracket Corner Mounts	2-3/8" - 2-7/8"	96 lbs.
CWMM-HD	Two Slider Bracket Corner Mounts	3-1/2" - 4-1/2"	104 lbs.

Part #	Description	Weight
HWK258	Hollow Wall Mount Kit	18 lbs.
SWK258	Solid Wall Mount Kit, Heavy Duty	19 lbs.



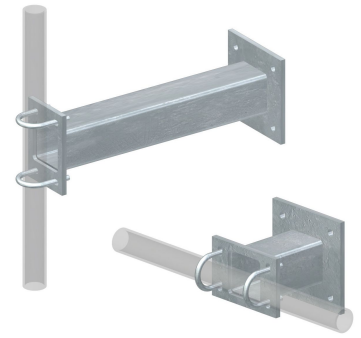
Standoff Wireless Wall Mounts

These mounts are used to install panel or whip antennas.

- Kits include U-bolts for 2-3/8" and 2-7/8" antenna mounting pipes
- Order antenna mounting pipe separately
- If mounting a 3-1/2" OD pipe, purchase U-bolts (UB1358) separately
- Wall plate is 1/2" thick by 8-1/2" square with four 11/16" holes on 6" centers
- Standoff is 4" x 3/16" square tube
- Order hardware to mount to hollow or solid walls

Part #	Stand Off	Weight
WWM01	8"	25 lbs.
WWM02	2'	38 lbs.
WWM03	3'	50 lbs.

Part #	Description	Weight
HWK58	Hollow Wall Mount Kit	9 lbs.
SWK58	Solid Wall Mount Kit	10 lbs.

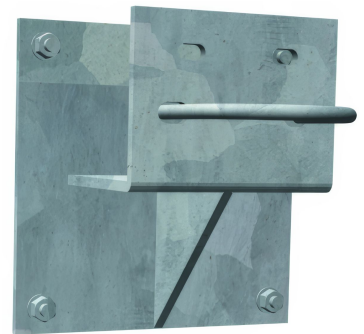


Heavy-Duty Wall Mount Brackets

These brackets provide a secure means of attaching antennas to walls.

- Accept 2-3/8" or 4-1/2" OD antenna mounting pipes
- Order U-bolts separately
- Full-size backing plates are included with hollow wall kits
- Solid-wall version includes stainless wedge anchors
- Standard models stand 4" off wall; extended models stand 12" off wall
- Mounting plate is 12" x 12" with 9/16" holes on 10" centers
- Order hardware to mount to hollow or solid walls

Part #	Description	Qty.	Weight
SP221	4" Hollow Wall Kit	Kit of 2	59 lbs.
SP222	4" Solid Wall Kit	Kit of 2	34 lbs.
SP221-12	12" Hollow Wall Kit	Kit of 2	80 lbs.
SP222-12	12" Solid Wall Kit	Kit of 2	48 lbs.



GPS Wall Mount

This mount provides a simple and secure means of attaching GPS antennas to walls.

- Versatile GPS mount is 4' long and stands 6" off the wall
- 1" OD mast with 3/4" NPT threaded end
- Mounting holes are 9/16" x 1" slots

Part #	Description	Weight
GPS1	GPS Wall Mount	11 lbs.

Part #	Description	Weight
HWK12	Hollow Wall Mount Kit	4 lbs.
SWK12	Solid Wall Mount Kit	5 lbs.



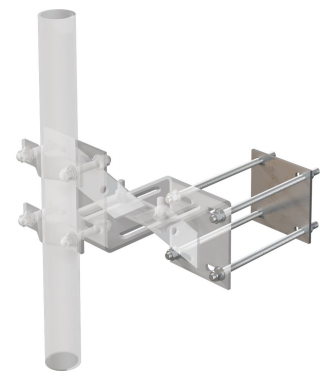
Universal Adjustable Wall Mount Brackets

These brackets provide a secure means of attaching antennas to walls.

- Extendable design adds flexibility to these wall mounts
- Use one bracket for lighter applications, or double up for a robust mounting solution
- Accept 3/4" to 2-3/8" OD antenna mounting pipes
- Order antenna mounting pipes separately
- Includes hardware for solid wall mounting (1/2" x 2-1/2" wedge anchors)
- Purchase hollow wall mount kit if required
- Hot-dip galvanized

Part #	Standoff	Description	Weight
WMU-12S	7" - 12"	Adjustable Wall Mount Bracket	17 lbs.
WMU-24S	14" - 24"	Adjustable Wall Mount Bracket	26 lbs.

Part #	Description	Weight
WMH-HWK	Hollow Wall Mount Attachment Kit	6 lbs.



Handrail Antenna Pipe Mounting Bracket Kits

These kits provide a secure means of attaching antennas to pipe or angle handrails.

- Accepts mounting pipes 2" - 4-1/2" OD
- Kits include two brackets, U-bolts and all hardware
- Order antenna mounting pipe separately



Part #	Mounts To	Weight
HMB-AU	Angles 1" x 1" to 4" x 4" at 1/8" - 1/2" Thick	23 lbs.
HMB-P	Pipe 1-1/2" to 3-1/2"	13 lbs.

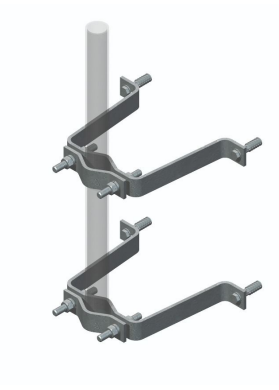


Next Generation Heavy-Duty Wall Mounts

These mounts provide a solution for mounting microwave, directional DAS, or omni wireless antennas.

- Accepts 1" to 2-3/8" antenna mounting pipes
- Adjustable spacing between the clamps allows flexibility and maximum stability when mounting directional antennas
- Hot-dip galvanized steel construction
- Kits include galvanized lag screws and shields for solid wall mounting
- Purchase hollow wall mount kit if required

Part #	Stand Off	Weight
HDWM04	4"	7 lbs.
HDWM08	8"	9 lbs.



Round Chimney Mount Kits

These kits enable the secure attachment of antennas and sector frames to a chimney.

- When ordering V-Series™ sector frames for use with round chimney mounts, add “-NLB” to the part number to get the frames without the leg bracket hardware
- Other model sector frames can be attached using the X-B965 pipe mount
- Standard kits fit chimney diameters from 5' to 13'
- For larger chimneys use multiple kits to obtain the required diameter
- Kits include two sets of chimney straps and tensioning hardware
- Flush mount adapter kits can be used to mount antennas close to the chimney face or to add pipes for attachment of frame stiff arms
- Sector frames, antenna mounting pipes, flush mount adapter kits, etc. are ordered separately



Part #	Chimney Diameter	Weight
RCM56	5' to 6'	155 lbs.
RCM67	6' to 7'	190 lbs.
RCM78	7' to 8'	205 lbs.
RCM89	8' to 9'	205 lbs.
RCM911	9' to 11'	565 lbs.
RCM1113	11' to 13'	685 lbs.
RC-PM23	Flush Mount Adapter 2-3/8" to 2-7/8" pipes	30 lbs.
RC-PM34	Flush Mount Adapter 3-1/2" to 4-1/2" pipes	34 lbs.



Ice Bridges & Equipment Racks



24" Grip-Strut Ice Bridge Kits With Triple-Tee Trapeze

This ice bridge kit is used to protect and support horizontal cable runs.

- Available in heavy-duty 12 gauge or lightweight 14 gauge grip strut
- Versatile triple-tee trapeze with all hardware included
- 24 runs
- Easy installation
- Three trapeze kits per bridge
- Complete kits



Part #	Size	Poles	Trapeze	# of Runs	Weight
IB24D-T3	24" x 10', 12 Gauge	3-1/2" x 13'-4" Burial	Triple Tee	24	443 lbs.
IB24D-216T3	24" x 10', 12 Gauge	3-1/2" x 18' Burial	Triple Tee	24	515 lbs.
IB24B-T3	24" x 10', 12 Gauge	3-1/2" x 10'-6" Base Shoe	Triple Tee	24	429 lbs.
IB24D-T3-LW	24" x 10', 14 Gauge	3-1/2" x 13'-4", Burial	Triple Tee	24	340 lbs.
IB24D-216T3-LW	24" x 10', 14 Gauge	3-1/2" x 18', Burial	Triple Tee	24	400 lbs.
IB24B-T3-LW	24" x 10', 14 Gauge	3-1/2" x 10'-6", Base Shoe	Triple Tee	24	398 lbs.

24" Grip-Strut Ice Bridge Kits With Vertical T-Bracket Trapeze

This ice bridge kit is used to protect and support horizontal cable runs.

- Vertical T-bracket trapeze for easy installation
- Accept 18 snap-ins and can be installed side by side for 36 runs
- Three trapeze kits per bridge
- Complete kits



Part #	Size	Poles	Trapeze	# of Runs	Weight
IB24D-V	24" x 10'	3-1/2" x 13'-4" Burial	VT-Brackets	18	421 lbs.
IB24D-216V	24" x 10'	3-1/2" x 18' Burial	VT-Brackets	18	493 lbs.
IB24B-V	24" x 10'	3-1/2" x 10'-6" Base Shoe	VT-Brackets	18	407 lbs.

24" Grip-Strut Ice Bridge Kits With Z-Bracket Trapeze

This ice bridge kit is used to protect and support horizontal cable runs.

- Versatile Z-bracket trapeze with all hardware included
- Three trapeze kits per bridge
- Number of runs calculated by using both sides of the Z-bracket
- Complete kits



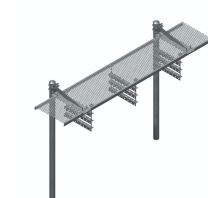
Part #	Size	Poles	Trapeze	# of Runs	Weight
IB24D-Z	24" x 10'	3-1/2" x 13'-4" Burial	Z-Brackets, 1 Level	14	423 lbs.
IB24D-216Z	24" x 10'	3-1/2" x 18' Burial	Z-Brackets, 1 Level	14	494 lbs.
IB24B-Z	24" x 10'	3-1/2" x 10'-6" Base Shoe	Z-Brackets, 1 Level	14	409 lbs.
IB24D-Z2	24" x 10'	3-1/2" x 13'-4" Burial	Z-Brackets, 2 Level	28	440 lbs.
IB24D-216Z2	24" x 10'	3-1/2" x 18' Burial	Z-Brackets, 2 Level	28	512 lbs.
IB24B-Z2	24" x 10'	3-1/2" x 10'-6" Base Shoe	Z-Brackets, 2 Level	28	426 lbs.
IB24D-Z3	24" x 10'	3-1/2" x 13'-4" Burial	Z-Brackets, 3 Level	42	456 lbs.
IB24D-216Z3	24" x 10'	3-1/2" x 18' Burial	Z-Brackets, 3 Level	42	528 lbs.
IB24B-Z3	24" x 10'	3-1/2" x 10'-6" Base Shoe	Z-Brackets, 3 Level	42	443 lbs.

ICE BRIDGE KITS

24" Grip-Strut Ice Bridge Kits With Angle-Bracket Trapeze

This ice bridge kit is used to protect and support horizontal cable runs.

- Versatile angle-bracket trapeze with all hardware included
- Three trapeze kits per bridge
- Complete kits

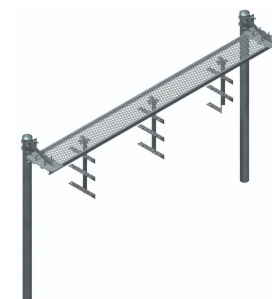


Part #	Size	Poles	Trapeze	# of Runs	Weight
IB24D-A	24" x 10'	3-1/2" x 13'-4" Burial	Angle Brackets, 1 Level	6	415 lbs.
IB24D-216A	24" x 10'	3-1/2" x 18' Burial	Angle Brackets, 1 Level	6	487 lbs.
IB24B-A	24" x 10'	3-1/2" x 10'-6" Base Shoe	Angle Brackets, 1 Level	6	401 lbs.
IB24D-A2	24" x 10'	3-1/2" x 13'-4" Burial	Angle Brackets, 2 Level	12	425 lbs.
IB24D-216A2	24" x 10'	3-1/2" x 18' Burial	Angle Brackets, 2 Level	12	497 lbs.
IB24B-A2	24" x 10'	3-1/2" x 10'-6" Base Shoe	Angle Brackets, 2 Level	12	411 lbs.
IB24D-A3	24" x 10'	3-1/2" x 13'-4" Burial	Angle Brackets, 3 Level	18	434 lbs.
IB24D-216A3	24" x 10'	3-1/2" x 18' Burial	Angle Brackets, 3 Level	18	506 lbs.
IB24B-A3	24" x 10'	3-1/2" x 10'-6" Base Shoe	Angle Brackets, 3 Level	18	420 lbs.

12" Grip-Strut Ice Bridge Kits With Triple-Tee Trapeze

This ice bridge kit is used to protect and support horizontal cable runs.

- Versatile triple-tee trapeze with all hardware included
- 12 runs
- Easy installation
- Three trapeze kits per bridge
- Complete kits



Part #	Size	Poles	Trapeze	# of Runs	Weight
IB12D-T3	12" x 10'	3-1/2" x 13'-4" Burial	T-Bracket, 3 Level	12	411 lbs.
IB12D-216T3	12" x 10'	3-1/2" x 18' Burial	T-Brackets, 3 Level	12	375 lbs.
IB12B-T3	12" x 10'	3-1/2" x 10'-6" Base Shoe	T-Brackets, 3 Level	12	280 lbs.

12" Grip-Strut Ice Bridge Kits With Vertical T-Bracket Trapeze

This ice bridge kit is used to protect and support horizontal cable runs.

- Vertical T-bracket trapeze for easy installation
- Accepts 18 snap-ins and can be installed side by side for 36 runs
- Three trapeze kits per bridge
- Complete kits



Part #	Size	Poles	Trapeze	# of Runs	Weight
IB1210D-V	12" X 10'	3-1/2" X 13'-4", Burial	VT-Brackets	18	390 lbs.
IB1210D-216V	12" X 10'	3-1/2" X 18', Burial	VT-Brackets	18	450 lbs.
IB1210B-V	12" X 10'	3-1/2" X 10', Base Shoe	VT-Brackets	18	370 lbs.
IB12D-V	12" x 12'	3-1/2" x 13'-4" Burial	VT-Brackets	18	374 lbs.
IB12D-216V	12" x 12'	3-1/2" x 18' Burial	VT-Brackets	18	447 lbs.
IB12B-V	12" x 12'	3-1/2" x 10'-6" Base Shoe	VT-Brackets	18	362 lbs.

12" Grip-Strut Ice Bridge Kits With Z-Bracket Trapeze

This ice bridge kit is used to protect and support horizontal cable runs.

- Versatile Z-bracket trapeze with all hardware included
- Three trapeze kits per bridge
- Number of runs calculated by using both sides of the Z-bracket
- Complete kits



Part #	Size	Poles	Trapeze	# of Runs	Weight
IB1210D-Z	12" X 10'	3-1/2" X 13'-4", Burial	Z-Brackets, 1 Level	7	386 lbs.
IB1210D-216Z	12" X 10'	3-1/2" X 18', Burial	Z-Brackets, 1 Level	7	466 lbs.
IB1210B-Z	12" X 10'	3-1/2" X 10', Base Shoe	Z-Brackets, 1 Level	7	257 lbs.
IB1210D-Z2	12" X 10'	3-1/2" X 13'-4", Burial	Z-Brackets, 2 Level	14	385 lbs.
IB1210D-216Z2	12" X 10'	3-1/2" X 18', Burial	Z-Brackets, 2 Level	14	470 lbs.
IB1210B-Z2	12" X 10'	3-1/2" X 10', Base Shoe	Z-Brackets, 2 Level	14	288 lbs.
IB12D-Z	12" x 12'	3-1/2" x 13'-4" Burial	Z-Brackets, 1 Level	7	368 lbs.
IB12D-216Z	12" x 12'	3-1/2" x 18' Burial	Z-Brackets, 1 Level	7	440 lbs.
IB12B-Z	12" x 12'	3-1/2" x 10'-6" Base Shoe	Z-Brackets, 1 Level	7	247 lbs.
IB12D-Z2	12" x 12'	3-1/2" x 13'-4" Burial	Z-Brackets, 2 Level	14	397 lbs.
IB12D-216Z2	12" x 12'	3-1/2" x 18' Burial	Z-Brackets, 2 Level	14	365 lbs.
IB12B-Z2	12" x 12'	3-1/2" x 10'-6" Base Shoe	Z-Brackets, 2 Level	14	257 lbs.

Grip Strut Ice Bridge Kit with No Trapeze

This ice bridge kit is used to protect and support horizontal cable runs.

- Four-post ice bridge kits
- Purchase trapeze kits separately



Part #	Size	Poles	Trapeze	Weight
IB12D	12" x 12', 12 Gauge	(2) 3-1/2" x 13'-4" Burial	None	354 lbs.
IB12D-216	12" x 12', 12 Gauge	(2) 3-1/2" x 18' Burial	None	426 lbs.
IB12B	12" x 12', 12 Gauge	(2) 3-1/2" x 10'-6" Base Shoe	None	340 lbs.
IB24D	24" x 10', 12 Gauge	(2) 3-1/2" x 13'-4" Burial	None	398 lbs.
IB24D-216	24" x 10', 12 Gauge	(2) 3-1/2" x 18' Burial	None	470 lbs.
IB24B	24" x 10', 12 Gauge	(2) 3-1/2" x 10'-6" Base Shoe	None	385 lbs.
IB2412D	24" x 12', 12 Gauge	(2) 3-1/2" OD x 13'-4" Direct Burial	None	400 lbs.
IB2412B	24" x 12', 12 Gauge	(2) 3-1/2" x 10'-6" Base Shoe	None	380 lbs.
IB24D-LW	24" x 10', 14 Gauge	(2) 3-1/2" x 13'-4", Burial	None	375 lbs.
IB24D-216-LW	24" x 10', 14 Gauge	(2) 3-1/2" x 18', Burial	None	375 lbs.
IB24B-LW	24" x 10', 14 Gauge	(2) 3-1/2" x 10'-6", Base Shoe	None	385 lbs.
IB2412D-LW	24" x 12', 14 Gauge	(2) 3-1/2" x 13'-4", Burial	None	390 lbs.
IB2412B-LW	24" x 12', 14 Gauge	(2) 3-1/2" x 10'-6", Base Shoe	None	380 lbs.
4B24D	24" x 10'	(4) 3-1/2" x 13'-4" Burial	None	588 lbs.
4B24D-216	24" x 10'	(4) 3-1/2" x 18' Burial	None	731 lbs.
4B24B	24" x 10'	(4) 3-1/2" x 10'-6", Base Shoe	None	543 lbs.
IB7D-C	7" x 10'	3-1/2" x 13'-4" Burial	Cushion Hanger	357 lbs.
IB7D	7" x 10'	3-1/2" x 13'-4" Burial	No Trapeze	354 lbs.

Pipe Columns

This pipe column is used to support ice bridge kits.

- 3-1/2" OD pipes, hot-dip galvanized
- Base shoe pipes include anchors and hardware
- 8" x 8" base with 11/16" holes on 5-1/2" centers
- Purchase post caps separately



Part #	Type	Size	Weight
SP126	Base Shoe	3-1/2" x 10'-6"	95 lbs.
P3160	Direct Burial	3-1/2" x 13'-4"	101 lbs.
P3174	Direct Burial	3-1/2" x 14'-6"	110 lbs.
P3216	Direct Burial	3-1/2" x 18'	136 lbs.
P3252	Direct Burial	3-1/2" x 21'	160 lbs.



Bolt-On Base Shoe

This bolt-on base shoe is used to attach ice bridge pipe columns to concrete surfaces.

- For use with 3-1/2" pipes
- 12" height x 6" width for stability
- Kit includes U-bolts
- Purchase wedge anchors separately
- Hot-dip galvanized



Part #	Description	Weight
BSA300	Bolt-On Base Shoe	13 lbs.
GWA585	5/8" x 5" Galvanized Wedge Anchors (3 req'd)	3 lbs.



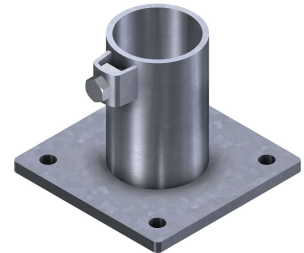
Base Shoe Foot

This base shoe feet are used to attach ice bridge pipe columns to concrete or steel surfaces.

- Convert any 2-7/8" or 3-1/2" OD pipe into a base shoe post
- 8" x 8" x 1/2" base plate with 6" hole spacing
- 11/16" holes for 5/8" anchors
- Hot-dip galvanized



Part #	Description	Weight
BSF30	Base Shoe Foot for 2-7/8" OD Pipe	13 lbs.
BSF35	Base Shoe Foot for 3-1/2" OD Pipe	15 lbs.



Base Shoe Platform Mounting Hardware

This hardware kit is used with pipe column base shoe feet.

- Use to attached base shoe feet to platform grating
- Include threaded rod, backing plates, nuts, and washers
- Hot-dip galvanized



Part #	Clamp Style	Hardware	Weight
BSMH-DCF	Flat	5/8"	10 lbs.

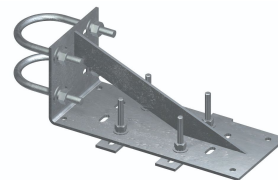


ICE BRIDGE COMPONENTS

Universal Cantilever Kit

Cantilever kits are used with pipe columns to support ice bridge channels.

- Universal hole pattern allows use on any type of channel
- For use with 3-1/2" OD pipe columns
- Kits include all hardware, U-bolts, and backing plates



Part #	Channel Width	Description	Weight
HHD12-K	12"	Complete Cantilever Kit	12 lbs.
HHD24-K	24"	Complete Cantilever Kit	17 lbs.

Four-Post Bridge Support Bracket

This bracket is used to support 24" ice bridge channels on four-post ice bridge kits.

- Universal hole pattern allows use on any type of channel
- For use with 3-1/2" pipe columns
- Kits include all hardware, U-bolts, and backing plates



Part #	Channel Width	Description	Weight
FP24	24"	Complete Support Kit	15 lbs.

Angle Splice For Bridges

This kit is used to connect ice bridge channel sections.

- Sold in kits of 2
- Kits include all hardware (3/8")
- Hot-dip galvanized
- 2" x 2" x 33" angle



Part #	Description	Weight
WGB-SA	Angle Splice (Kit of 2)	14 lbs.

Straight Splice For Bridges

This kit is used to connect ice bridge channel sections.

- Sold in kits of 2
- Kits include all hardware (3/8")
- Hot-dip galvanized
- 1/4" x 2" x 12" flat bar



Part #	Description	Weight
WGB-SP	Straight Splice (Kit of 2)	2 lbs.

Grip-Strut Bridge Channel

This ice bridge channel is used to protect and support horizontal cable runs.

- Serrated diamond pattern allows flexibility in attaching hardware
- Available in heavy-duty 12 gauge and light duty 14 gauge steel
- Pre-galvanized



Part #	Size	Gauge	Depth	Weight
GRS7	7" x 10'	14	2"	28 lbs.
GRS12-10	11-3/4" x 10'	12	2"	60 lbs.
GRS12	11-3/4" x 12'	12	2"	72 lbs.
GRS24	24" x 10'	12	3"	104 lbs.
GRS24-12	24" x 12'	12	3"	136 lbs.
LDGS10	24" x 10'	14	2"	73 lbs.
LDGS12	24" x 12'	14	2"	88 lbs.



Universal Vertical Trapeze Kit

This trapeze kit is used to organize and support cable runs under ice bridge channels.

- These universal brackets can be used under solid or expanded metal channels
- Easy to install; mounts with included 3/8" hardware
- Available in 12-run or 18-run versions
- Note: Even if you are only running 12 cables, the added length of the VT18 can be advantageous when hanging your cables
- Can be placed side by side under 24" ice bridge kits



Part #	# of Runs	Length	Weight
VT12	12	17-1/2"	4 lbs.
VT18	18	25-1/2"	5 lbs.



Triple-Tee Trapeze Kit

This trapeze kit is used to organize and support cable runs under ice bridge channels.

- Easily installed and allows for adjustment of the angle brackets
- Allows for neat installation by aligning cables with entry panel
- Heavy-duty version resists wobble
- Hot-dip galvanized



Part #	# of Runs	Size	Weight
T12K-3	12	12" x 24-1/2"	8 lbs.
T24K-3	24	22" x 24-1/2"	18 lbs.



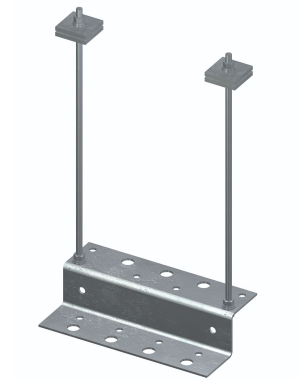
Universal Z-Bracket Trapeze Kit

This trapeze kit is used to organize and support cable runs under ice bridge channels.

- These Z-bracket trapeze kits can be used under all types of channels
- Kits come complete with stainless steel hardware and threaded rods
- Number of runs is calculated by using both sides of the Z-bracket



Part #	Description	Width	Threaded Rod	# of Runs	Weight
Z12K	Single Stack, 1 Level	12"	3/8" x 18"	7	6 lbs.
Z12K-D	Double Stack, 2 Level	12"	3/8" x 30"	14	9 lbs.
Z12K-3	Triple Stack, 3 Level	12"	3/8" x 36"	21	12 lbs.
Z24K	Single Stack, 1 Level	21"	3/8" x 18"	14	8 lbs.
Z24K-D	Double Stack, 2 Level	21"	3/8" x 30"	28	14 lbs.
Z24K-3	Triple Stack, 3 Level	21"	3/8" x 36"	42	19 lbs.



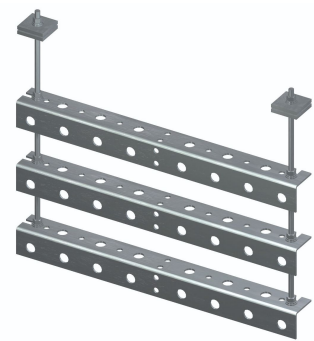
Angle-Bracket Trapeze Kit

This trapeze kit is used to organize and support cable runs under ice bridge channels.

- These angle-bracket trapeze kits can be used under all types of channels
- Kits come complete with stainless steel hardware and threaded rods
- Brackets are slotted for easy installation



Part #	Description	Width	Threaded Rod	# of Runs	Weight
A24K	Single Stack, 1 Level	24"	3/8" x 18"	6	4 lbs.
A24K-D	Double Stack, 2 Level	24"	3/8" x 30"	12	9 lbs.
A24K-3	Triple Stack, 3 Level	24"	3/8" x 36"	18	10 lbs.



501 Solid Bridge Kit

Solid ice bridge kits are used to provide extra protection from falling ice.

- Solid ice bridge kits
- Kits include one SP501 solid bridge channel, two pipe columns, two SP509, universal pipe heads, and three VT12 universal vertical trapeze kits
- Galvanized
- Ships from Salem, OR



Part #	Size	Poles	# of Runs	Weight
SP501D	12" x 10'	3-1/2" x 13'-4" Direct Burial	12	420 lbs.
SP501B	12" x 10'	3-1/2" x 10'-6" Base Shoes	12	407 lbs.

Straight & Hinged Splice

This straight and hinged splice is used to connect solid ice bridge channel sections.

- Used to splice SP501 solid bridge channels together
- Can be used to create vertical angles up to 25°
- Hardware included; hot-dip galvanized
- Ships from Salem, OR



Part #	Description	Weight
SP503	Straight & Hinged Splice	5 lbs.

Adjustable Splice

This adjustable splice is used to make horizontal turns when using solid bridge channels.

- Used to make 0-45° horizontal turns
- Can be used for left or right turns
- Hardware included; hot-dip galvanized
- Ships from Salem, OR



Part #	Description	Weight
SP504	Adjustable Splice	6 lbs.

Corner Filler

This corner filler is used to provide additional cable protection at corners or ends of ice bridges.

- Protect cables during 90° bends
- Can use alongside channel to provide protection for entry panels
- Hot-dip galvanized
- Ships from Salem, OR



Part #	Description	Weight
SP505	Corner Filler	15 lbs.

SOLID BRIDGE COMPONENTS

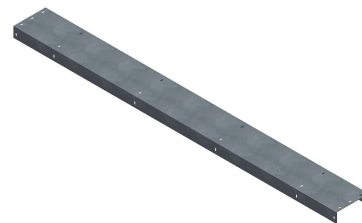
501 Solid Bridge Channel

Solid ice bridge channels are used to provide extra protection from falling ice.

- Galvanized 11 gauge steel
- 12" x 10'
- Ships from Salem, OR



Part #	Size	Weight
SP501	12" x 10'	84 lbs.



Universal Pipe Head

This universal pipe head is used with pipe columns to support solid ice bridge channels.

- Used to support 12" wide solid or expanded metal channels
- 4" OD x 29-3/4" long sleeve slips over 3-1/2" pipe columns and allows up to 22" of adjustment
- Mount with 1/2" hardware or included hook bolts
- Hot-dip galvanized
- Ships from Salem, OR



Part #	Description	Weight
SP509	Pipe Head	29 lbs.



Pipe Head Sleeve

This pipe head sleeve is used with pipe columns to support solid ice bridge channels.

- 4" OD x 29-3/4" long sleeve slips over 3-1/2" pipe columns and allows up to 22" of adjustment
- Mount with 1/2" hardware
- Hot-dip galvanized
- Ships from Salem, OR



Part #	Description	Weight
SP508	Pipe Head Sleeve	21 lbs.



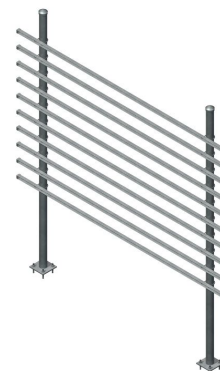
Equipment Rack

This equipment rack is used to mount radio units, cabinets, etc. at communication sites.

- Complete kits for all your equipment mounting needs
- Heavy-duty construction
- Include ten 10' x 12 gauge galvanized unistrut rails
- Designed to space unistrut at 8" typical spacing but spacing is freely adjustable
- Available with direct burial or base shoe pipe columns



Part #	Pipes	Weight
ER105D	3-1/2" x 13' 4" Direct Burial Pipes	420 lbs.
ER106B	3-1/2" x 10' Base Shoe Pipes	400 lbs.



H-Frame Equipment Rack

This equipment rack is used to mount radio units, cabinets, etc. at communication sites.

- 2-7/8" x 6' pipe risers
- Five levels of 1-5/8" x 5' square strut
- Galvanized



Part #	Description	Weight
HF-556	H-Frame Equipment Rack	117 lbs.



Cable Runway



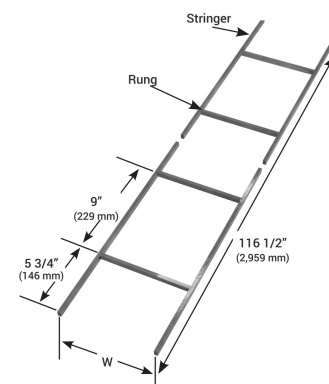
Cable Runway Straight Section

Cable runway sections are used to organize and support cable runs inside buildings.

- 3/8" x 1-1/2" tubular steel stringers
- 1/2" x 1" welded steel rungs
- Available in yellow zinc or telco gray finish



Part #	Size	Finish	Weight
CR-12-Y	12" x 9'-8-1/2"	Yellow Zinc	22 lbs.
CR-12-G	12" x 9'-8-1/2"	Telco Gray	22 lbs.
CR-18-Y	18" x 9'-8-1/2"	Yellow Zinc	26 lbs.
CR-18-G	18" x 9'-8-1/2"	Telco Gray	27 lbs.

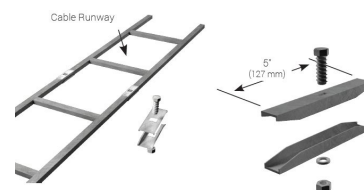


Cable Runway Splice Extension Kit

The splice extension kit is used to connect cable runway sections.

- Use to connect runway stringers
- Includes two clamps and hardware
- Yellow zinc finish

Part #	Description	Weight
CR-EXT	Splice Extension Kit	1 lb.

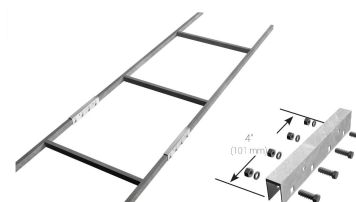


Cable Runway Heavy Duty Splice Kit

The heavy duty splice kit is used to connect cable runway sections.

- Use to connect runway stringers
- Includes two clamps and hardware
- Yellow zinc finish

Part #	Description	Weight
CR-SPL	Heavy Duty Splice Kit	1 lb.

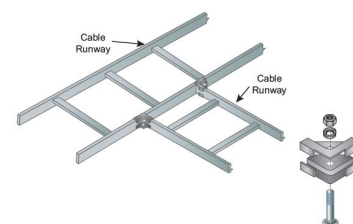


Cable Runway Horizontal T-Splice Kit

The horizontal T-splice kit is used to connect cable tray sections at 90° T-connections.

- Use for 90° horizontal T-connections
- Includes two clamps and hardware
- Yellow zinc finish

Part #	Description	Weight
CR-HT	Horizontal T-Splice Kit	1 lb.

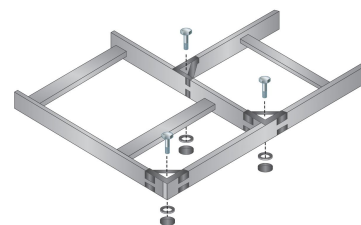


Cable Runway 90° Bend Splice Kit

The 90° bend splice is used to form 90° bends at the end of cable tray sections

- Use for 90° horizontal bends
- Includes three clamps and hardware
- Yellow zinc finish

Part #	Description	Weight
CR-90	90° Bend Splice Kit	1 lb.

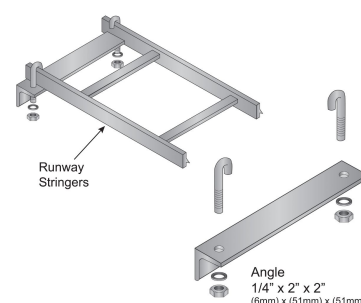


Cable Runway End Wall Support Kits

The runway end wall support kit is used to connect the end of a cable tray section to the building wall.

- Secure end of runway to wall
- Kits include angle, two J-bolts, and hardware
- Available in yellow zinc or telco gray finish

Part #	Size	Finish	Weight
CR-EW12-Y	12"	Yellow Zinc	4 lbs.
CR-EW12-G	12"	Telco Gray	3 lbs.
CR-EW18-Y	18"	Yellow Zinc	3 lbs.
CR-EW18-G	18"	Telco Gray	4 lbs.

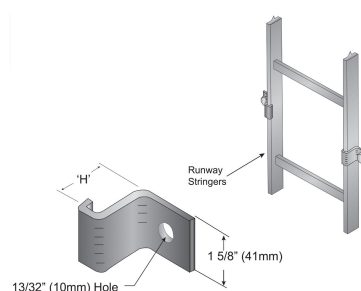


Cable Tray Hold Down Clamp Kit

The hold-down clamp kit is used to attach cable runway sections to walls, ceilings, and floors.

- Secures runway to wall, ceiling, floor, or strut
- Includes two clamps
- Yellow zinc finish

Part #	Description	Weight
CR-9141	Hold Down Clamp Kit	1 lb.



Cable Tray Neoprene End Cap

The neoprene end cap is used to cover exposed ends of cable tray sections.

- Protects runway ends
- Black neoprene
- Meets UL94 flame resistance requirement
- Sold in packs of ten

Part #	Qty.	Weight
CR-NEO	10 Pack	1 lb.



Cable Tray End Support Kit

The cable tray end support kit to attach the end of a cable tray section to building surfaces.

- Secures runway to floor, ceiling, or wall
- Includes two end supports and clamps with hardware
- Yellow zinc finish

Part #	Description	Weight
CR-STAND	End Support Kit	3 lbs.

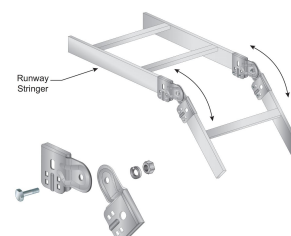


Cable Tray Adjustable Vertical Bend Kit

The adjustable vertical bend kit is used to make vertical bends up to 180°.

- Includes two splices and hardware
- 180° of adjustment
- Yellow zinc finish

Part #	Description	Weight
CR-AVB	Adjustable Vertical Bend Kit	2 lbs.

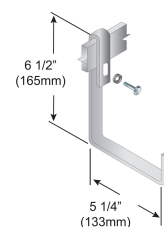


Cable Tray Power Cable Support Kits

The power cable support kit is used to hang power cable beneath runway sections.

- Support power cables under runway
- Hardware included

Part #	Finish	Weight
CR-PCS-Y	Yellow Zinc	2 lbs.
CR-PCS-G	Telco Gray	2 lbs.

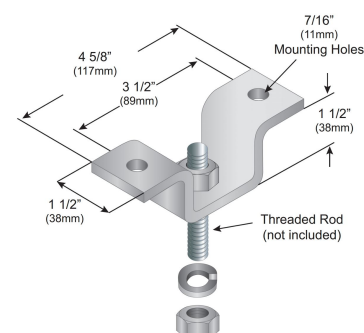


Cable Tray Ceiling Hanger Kits

This ceiling hanger kit is used to hang runway sections from the building ceiling.

- Used to suspend runway from ceiling
- Kits include bracket, lock washer, and two nuts
- Purchase threaded rod separately

Part #	Rod Size	Finish	Weight
CR-HANG12	1/2"	Yellow Zinc	1 lb.
CR-HANG58	5/8"	Yellow Zinc	1 lb.

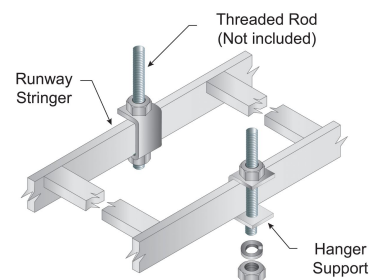


Cable Tray Runway Support Kits

This runway support kit is used to support runway sections using threaded rod.

- Used to support runway from threaded rod
- Kits include two supports and hardware; purchase threaded rod separately
- Kits available to fit 1/2" and 5/8" threaded rod

Part #	Rod Size	Finish	Weight
CR-SUP12	1/2"	Yellow Zinc	1 lb.
CR-SUP58	5/8"	Yellow Zinc	1 lb.

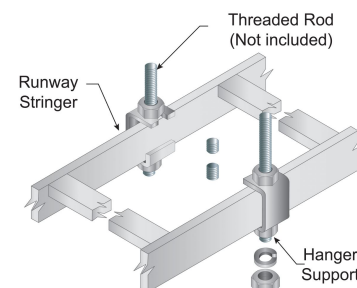


Cable Tray Slotted Runway Support Kits

The slotted runway support kit is used to support runway sections using threaded rod.

- Used to support runway from threaded rod
- Kits include two supports and hardware; purchase threaded rod separately
- Kits available to fit 1/2" and 5/8" threaded rod
- Slotted for easy adjustment

Part #	Rod Size	Finish	Weight
CR-SWT12	1/2"	Yellow Zinc	1 lb.
CR-SWT58	5/8"	Yellow Zinc	1 lb.

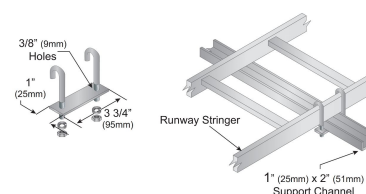


Cable Tray J-Bolt Kit

This J-bolt kit is used to attach cable tray sections to support channels.

- Used to secure cable runway to 1" x 2" support channel
- Includes plate and two J-bolts

Part #	Rod Size	Finish	Weight
CR-JB	5/16"	Yellow Zinc	1 lb.

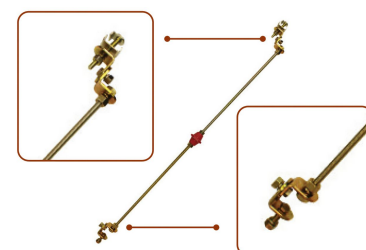


Cable Tray Earthquake Bracing Kit

This bracing kit is used to prevent damage to cable tray sections during earthquakes.

- Keeps installation safe and stable during seismic events
- Includes two 5/8" x 24" threaded rods and hardware
- Kit is for one complete side
- Yellow zinc finish

Part #	Description	Weight
EQBK	Earthquake Bracing Kit (1 side)	8 lbs.



Equipment Platforms





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ModularTM

Equipment Platforms

Build for the future.

Our Modular Equipment PlatformsTM are a versatile choice, with pre-built options and individual component selections available, they are designed with future expansion in mind, enabling easy modifications as your needs evolve.

Over the following several pages, you can select from our pre-configured solutions or build your own to your requirements from our individual component selections.

- Easy to assemble
- Easily expandable
- Can be used on various soil types
- Adjustable for flat and sloped surfaces
- Wide range of application possibilities.



Option A: Select a Pre-Built Platform

1

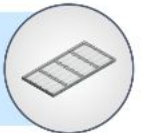
Pre-Configured



Option B: Select Components & Build Your Own

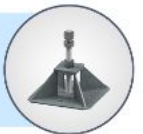
1

Base Section



2

Support



3

Handrail



4

Access



5

Accessories



5' x 7' MEP Platform

This basic platform kit is used to raise equipment off the ground or roof.

- Compact platform kit with four small footpads and H-frame equipment rack
- Adjustable for flat or sloped surfaces
- Can be used with a variety of soil types
- Modular design allows for future expansion
- Handrail kits are not available for 5' x 7' platforms



Part #	Size	Components	Sub Assembly	Weight
MEP57-7S	5' X 7'	(1) 5' x 7' Platform Base Section (4) Small Footpads	MEP57 MPAD-S	503 lbs.

5' x 7' MEP Platform & Equipment Rack

This basic platform kit is used to raise equipment off the ground or roof.

- Compact platform kit with four small footpads and H-frame equipment rack
- Suitable for ground or rooftop sites
- Adjustable for flat or sloped surfaces
- Can be used with a variety of soil types
- Modular design allows for future expansion
- Handrail kits are not available for 5' x 7' platforms



Part #	Size	Components	Sub Assembly	Weight
MEP57-7SHF	5' X 7'	(1) 5' x 7' Platform Base Section (4) Small Footpads (1) H-Frame Equipment Rack	MEP57 MPAD-S HF-556	603 lbs.

8' x 8' MEP Platform

This basic platform kit is used to raise equipment off the ground or roof.

- 8' square platform kit with nine small footpads
- Suitable for ground or rooftop sites
- Adjustable for flat or sloped surfaces
- Can be used with a variety of soil types
- Modular design allows for future expansion



Part #	Size	Components	Sub Assembly	Weight
MEP88-4S	8' X 8'	(4) 4' x 4' Platform Base Sections (9) Small Footpads	MEP44 MPAD-S	1004 lbs.

10' x 10' MEP Platform

This basic platform kit is used to raise equipment off the ground or roof.

- 10' square platform kit with nine small footpads
- Suitable for ground or rooftop sites
- Adjustable for flat or sloped surfaces
- Can be used with a variety of soil types



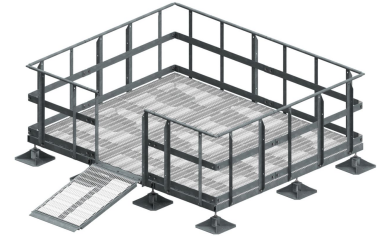
Part #	Size	Components	Sub Assembly	Weight
MEP1010-7S	10' X 10'	(1) 5' x 7' Platform Base Section (2) 5' x 3' Platform Base Sections (9) Small Footpads	MEP57 MEP53 MPAD-S	2500 lbs.

EQUIPMENT PLATFORMS

10' x 12' MEP Platform

This platform kit includes handrails and an access ramp.

- 10' x 12' platform kit includes handrails and a 5' access ramp
- Suitable for ground or rooftop sites
- Adjustable for flat or sloped surfaces
- Can be used with a variety of soil types

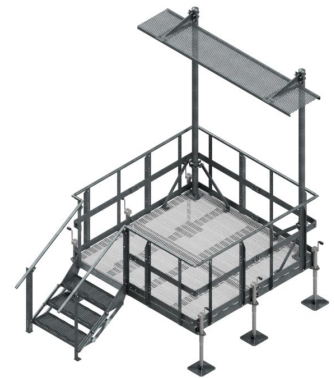


Part #	Size	Components	Sub Assembly	Weight
MEP1012-6LH44R5	10' X 12'	(3) 4' x 6' Platform Base Sections (2) 4' x 4' Platform Base Sections (12) Large Footpads (4) 6' Handrail Kits (4) 4' Handrail Kits (1) 5' Ramp Kit (1) Access Point/Finishing Kit (5) Straight Splice Connection Kits (4) Corner Splice Connection Kits	MEP46 MEP44 MPAD-L MRAIL-6 MRAIL-4 MRAMP MOPEN-4 MSPLICE-S MSPLICE-C	2873 lbs.

8' x 8' MEP Platform, Handrail, Ice Bridge & More

This platform kit includes handrails, stairs, and an ice bridge.

- 8' square platform kit includes handrails, stairs, an ice bridge, and jack footpads
- Suitable for ground or rooftop sites
- Adjustable for flat or sloped surfaces
- Can be used with a variety of soil types
- Jack footpads allow deck height adjustment from 13" to 28"



Part #	Size	Components	Sub Assembly	Weight
MEP88-8JH32S3I	8' x 8'	(2) 4' x 8' Platform Base Sections (6) Jack Footpad Kits (7) 4' Handrail Kits (1) Three-Step Stair Kit (1) Access Point/Finishing Kit (1) 10' Ice Bridge Kit (4) Straight Splice Connection Kits (4) Corner Splice Connection Kits	MEP48 MJACK MRAIL-4 MSTEP-3 MOPEN-4 MIBP-2410 MSPLICE-S MSPLICE-C	1732 lbs.

Ground Solution #2

This platform kit includes handrails, stairs, and a full platform cover.

- 8' square platform kit includes handrails, stairs, and platform cover
- Suitable for ground or rooftop sites and adjustable for flat or sloped surfaces
- Can be used with a variety of soil types



Part #	Size	Components	Sub Assembly	Weight
MEP88-8SH32S1C	8' x 8'	(2) 4' x 8' Platform Base Sections (6) Small Footpads (4) 4' Handrail Kits (2) 2' Handrail Kits (1) One-Step Direct Connect Stair Kit (1) Access Point/Finishing Kit (1) 8' x 10' Platform Cover Kit (5) Straight Splice Connection Kits (4) Corner Splice Connection Kits	MEP48 MPAD-S MRAIL-4 MRAIL-2 MSTEP-1LD MOPEN-4 MPCOV810 MSPLICE-S MSPLICE-C	2420 lbs.

Rooftop Solution #1

This platform kit includes handrails, stairs, and a full platform cover.

- 8' square platform kit includes handrails, stairs, and an ice bridge
- Suitable for ground or rooftop sites and adjustable for flat or sloped surfaces
- Can be used with a variety of soil types



Part #	Size	Components	Sub Assembly	Weight
MEP88-4LH32S1I	8' x 8'	(4) 4' x 4' Platform Base Sections (9) Large Footpads (4) 4' Handrail Kits (2) 2' Handrail Kits (1) One-Step Direct Connect Stair Kit (1) Access Point/Finishing Kit (1) 24" x 10' Ice Bridge Kit (4) Straight Splice Connection Kits (4) Corner Splice Connection Kits	MEP48 MPAD-L MRAIL-4 MRAIL-2 MSTEP-1LD MOPEN-4 MIBP-2410 MSPLICE-S MSPLICE-C	2140 lbs.



Platform Base Sections

Build a custom platform by combining standard sections to obtain the layout and features needed for your application.

- Welded design for strength, durability, and ease of installation
- Standard Hole Spacing
- Base withstands 6,000 - 8,000 lb of distributed load
- Manufactured with structural grade #5 expanded metal



Part #	Size	Description	Weight
MEP42	4' x 2'	Modular Equipment Platform Base	117 lbs.
MEP44	4' x 4'	Modular Equipment Platform Base	221 lbs.
MEP46	4' x 6'	Modular Equipment Platform Base	315 lbs.
MEP48	4' x 8'	Modular Equipment Platform Base	410 lbs.
MEP53	5' x 3'	Modular Equipment Platform Base	216 lbs.
MEP57	5' x 7'	Modular Equipment Platform Base	398 lbs.

Footpads & Extensions

Footpads are used to support and level platform base sections

- One footpad is required at each corner and at each base section connection point
- For additional platform height add footpad extension kits and footpad bracing kits
- Rubber mats recommended for rooftop applications
- Extension bracing kit includes the two end plates with attaching hardware; order bulk angle separately and field cut the diagonal braces for your application

Part #	Pad Size	Description	Deck Height Adjustment	Weight
MPAD-S	12" x 12"	Small Footpad	13" - 18-1/2"	23 lbs.
MPAD-L	18" x 18"	Large Footpad	13" - 18-1/2"	39 lbs.
MPAD-S33	12" x 12"	Footpad with Extension	27-1/2" - 32-1/2"	43 lbs.
MPAD-S48	12" x 12"	Footpad with Extension	42-1/2" - 47-1/2"	59 lbs.
MPAD-L33	18" x 18"	Footpad with Extension	27-1/2" - 32-1/2"	59 lbs.
MPAD-L48	18" x 18"	Footpad with Extension	42-1/2" - 47-1/2"	75 lbs.
MPAD-BRC	N/A	Footpad Extension Bracing Kit	N/A	7 lbs.



EQUIPMENT PLATFORMS

Leveling Kit for Sloped Surfaces

This leveling kit is used to support platforms on sloped sites.

- Allows for 3 degrees of adjustment (5/8" per foot)
- Beveled washer is designed to self-level as you tighten connection



Part #	Description	Weight
MLEVEL	Footpad Leveling Kit	1 lb.

Standard and Extended Jacks

Jacks are used to adjust platform perimeter height.

- Jack must be placed only on the perimeter of the platform
- MJACK cannot be combined with center supports
- Base combinations with interior connections use MPAD support only
- Rubber mats recommended for rooftop applications



Part #	Pad Size	Description	Deck Height Adjustment	Weight
MJACK	12" x 12"	5,000 lb Side Crank Jack w/ Small Footpad	13" - 28"	36 lbs.
MJACK-EXT	18" X 18"	5,000 lb Side Crank Jack Extended w/ Large Footpad	28" - 43"	71 lbs.

Access Point/Finishing Kit

This access point/finishing kit is used at handrail openings.

- MOPEN-4 must be used for handrail attachment
- Splice Kit required at each mating connection



Part #	Description	Weight
MOPEN-4	Access Point/Finishing Kit	123 lbs.

Handrail Kits

This handrail kit provides a safe work environment for maintenance personnel.

- Select from multiple options to achieve ideal fit
- Handrails are designed to accept additional square strut for equipment mounting
- IBC and OSHA compliant for maintenance traffic



Part #	Size	Description	Weight
MRAIL-2	2' x 42"	2' Handrail Kit	30 lbs.
MRAIL-4	4' x 42"	4' Handrail Kit	65 lbs.
MRAIL-6	6' x 42"	6' Handrail Kit	104 lbs.

Step and Access Kits with Handrails

This platform stair kit provides access to elevated platforms.

- Stairs allow for 5" -7" vertical adjustment per step
- MOPEN-4 must be used for access points and handrail attachment
- Includes stairs, handrails, and hardware for 2-step, 3-step, and 4-step stairs



Part #	Width	Platform Deck Height	Description	Weight
MSTEP-1	35-1/2"	9" - 14"	Fixed Height Stair Kit	55 lbs.
MSTEP-2	32"	14" - 23"	Two-Step Adjustable Stair Kit	160 lbs.
MSTEP-3	32"	19" - 34"	Three-Step Adjustable Stair Kit	216 lbs.
MSTEP-4	32"	24" - 43"	Four-Step Adjustable Stair Kit	274 lbs.

Step Kits without Handrails

This platform stair kit provides access to elevated platforms.

- Fixed steps allow for a standard 7" rise
- Floating designs do not require ground connection
- Provides access onto a level deck
- Does not require MOPEN-4



Part #	Width	Platform Deck Height	Description	Weight
MSTEP-1LD	35-1/2"	9" - 14"	One-Step Direct Connect Stair Kit	82 lbs.
MSTEP-2LD	35-1/2"	14" - 23"	Two-Step Direct Connect Stair Kit	143 lbs.

Bolt-On Sliding Step

This platform stair kit provides a retractable step for a reduced footprint.

- Fixed steps allow for a standard 7" rise
- Floating designs do not require ground connection
- Provides access onto a level deck
- Does not require MOPEN-4



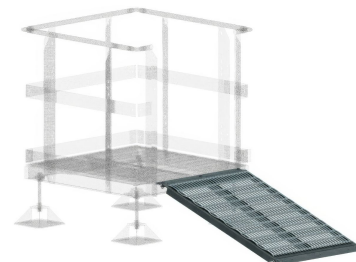
Part #	Width	Platform Deck Height	Description	Weight
MSTEP-SLIDE	35-1/2"	9" - 14"	One-Step Slidable Direct Connect Stair Kit	89 lbs.
MSTEP-SLIDE8	35-1/2"	9" - 14"	One-Step Slidable Direct Connect Stair Kit (8" Channel)	94 lbs.

EQUIPMENT PLATFORMS

Ramp Kit

This hinged ramp provides access for cabinets and other large equipment.

- Hinged design folds up when not in use to minimize real estate footprint
- Capacity of 2,000 lb to allow for dolly and cabinet entry
- MRAMP-5 does not require MOPEN-4 for connection
- Recommended deck height of 4" - 19.5" (not to exceed 20 degree slope)
- Maximum allowable desk height 26" (not to exceed 30 degree slope)
- Use chain guard kit to secure access point and lock ramp in place when in closed position
- Chain guard kit includes 4'-3" chain and hardware



Part #	Width	Platform Deck Height	Description	Weight
MRAMP-5	35-1/2"	4" - 26"	Adjustable Ramp Kit	164 lbs.

Part #	Description	Weight
MCHAIN	Chain Guard Kit	6 lbs.

Ladder Kits

This ladder kit provides access to elevated platforms.

- Straight ladders require limited real estate
- Feature anti-slip rungs
- Designed with 16" wide climb path and 24" top opening for easy access
- Optional back grab rail available
- MOPEN-4 must be used with ladder options



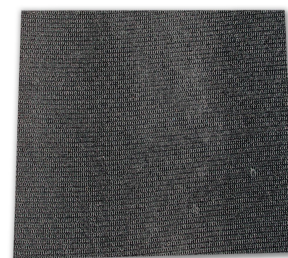
Part #	Width	Description	Weight
MBRAIL	N/A	Backing Rail Kit	42 lbs.

Rubber Mats

Rubber mats are used as a protective barrier between roofing materials and steel footpads.

- Each footpad and jack requires rubber mats for rooftop applications
- Designed to protect the integrity of rooftop
- Manufactured from UV-resistant 1/2" thick rubber

Part #	Weight
MAT18	16 lbs.



Square Strut

This square strut provides a convenient way to attach equipment to platform handrails.

- Add strut to handrail to easily adapt to an equipment rack



Part #	Description	Weight
UNT10	1-5/8" x 10' Square Strut	19 lbs.



Platform Cover Kits

This kit provides a protective cover over the entire platform area.

- Shield equipment from falling ice and debris
- Allow for 9' cabinet height



Part #	Description	Weight
MPCOV1012	10' x 12' Equipment Platform Cover Kit	1140 lbs.
MPCOV610	6' x 10' Equipment Platform Cover Kit	895 lbs.
MPCOV810	8' x 10' Equipment Platform Cover Kit	930 lbs.
MPCOV812	8' x 12' Equipment Platform Cover Kit	1019 lbs.
MPCOV1010	10' x 10' Equipment Platform Cover Kit	1019 lbs.



Pipe Mount Kit

This kits allows mounting small antennas to platform handrails.

- Easily attach GPS, microwave, or panel, or other small antennas to handrail
- Pipe mast mounts directly to handrails
- Accepts 1-1/2" to 5" OD pipes (sold separately)
- Includes top and bottom clamp sets and all hardware

Part #	Pipe Size	Clamp Thickness	Threaded Rod	Kit Qty.	Weight
MPIPEM	1-1/2" - 5"	1/2"	5/8" x 18"	Kit of 2	15 lbs.



Splice Connection Kits

This splice connection kit is used to join handrail sections.

- Splice kit is required at each mating connections
- Kits include hardware for top, mid, and kick-plate connections

Part #	Description	Weight
MSPLICE-C	Handrail Corner Connection Kit	8 lbs.
MSPLICE-S	Handrail Straight Connection Kit	7 lbs.



Cable Support



TrapBox™

This three-way bracket is used with stackable snap-in hangers to organize and support cable runs.

- 304 stainless steel trapezoid snap-in box
- For use with stackable snap-ins only
- Accepts hose clamps or 1/2" banding to attach directly to round members
- Attaches to angle adapters, tower standoff brackets, T-brackets etc. with 3/8" hardware
- If using 1-1/4" or 1-5/8" MonoBloc stackable snap-ins the center hole cannot be used (two runs only)
- Three 3/4" holes; maximum load is six 1-5/8" cables

Part #	Size	Qty.	Weight
TRAP3	3-1/4" x 1-1/2" x 1-1/2"	10 pack	2 lbs.



3-Way Universal PIM Standoff Adapters

This three-way PIM-mitigating bracket is used with snap-in hangers to organize and support cable runs.

- Weather-resistant nylon material
- Mount to round or flat members
- Include 3/4" and 3/8" accessory mounting holes
- Slots for 1/2" to 5/8" hose clamps, cable ties, or banding



Part #	Size	Qty.	Weight
900860-10	3-7/16" x 2-1/8" x 1-5/8"	10 pack	2 lbs.



Banjo Box™

This nine-hole bracket is used with snap-in hangers to organize and support cable runs.

- Attaches to angle adapters, tower standoff brackets, T-brackets, etc. with 3/8" hardware
- Slotted holes for attachment with 1/2" or 3/4" banding
- Accepts up to nine snap-in hangers
- Hot-dip galvanized steel

Part #	Size	Qty.	Weight
BJ09	10" x 5" x 2"	Each	2 lbs.

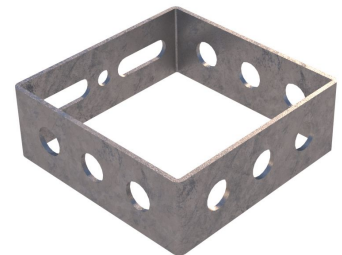


Cluster Box™

This nine-hole bracket is used with snap-in hangers to organize and support cable runs.

- Attaches to angle adapters, tower standoff brackets, T-brackets, etc. with 3/8" hardware
- Accepts up to six runs of 1-1/4" or 1-5/8" cables or nine runs of 1/2" or 7/8" cables with snap-in hangers
- Attach to round members up to 3" diameter with 1/2" U-bolt (ordered separately)
- Hot-dip galvanized steel

Part #	Size	Qty.	Weight
SNBX6	5-1/2" x 5-1/2" x 2"	Each	2 lbs.



Mini Cluster Box™

This three-way bracket is used with snap-in hangers to organize and support cable runs.

- Attaches to angle adapters, tower standoff brackets, T-brackets, etc. with 3/8" hardware
- Accepts up to three snap-in hangers
- Hot-dip galvanized steel

Part #	Size	Qty.	Weight
SNBX3	2-1/2" x 2-1/2" x 2"	Each	1 lb.



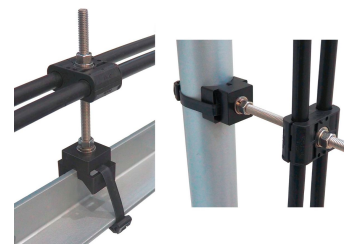
Multi-Function Cable Support Base

This versatile, cost-efficient, low-PIM bracket can be used in a variety of cable support applications.

- Mounts to angle or round members using low PIM acetal straps
- 3/8" accessory mounting hole
- 3/8" stainless steel nut included



Part #	Description	Qty.	Weight
901043-10	Multi-Function Cable Support Base	10 pack	9 lbs.



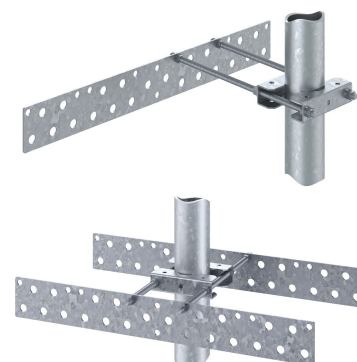
Cable Support Bars

These highly configurable low-PIM cable support bars can be used in a variety of applications.

- Galvanized steel construction
- Mounts to round legs 2-3/8" to 4-1/2" diameter
- Lower weight than competitive alternatives
- Double the number of connections by adding the Extra Bar kits
- 3/4" holes accept low-PIM snap-ins



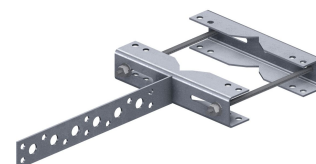
Part #	Description	Weight
900352-01	Pole Mount Kit, 13-Position	7 lbs.
900352-02	Pole Mount Kit, 13-Position, Extended Range	7 lbs.
900353-01	Pole Mount Kit, 22-Position, Extended Range	8 lbs.
900353-02	Pole Mount Kit, 22-Position, Extended Range	9 lbs.
900354	Cable Support, Extra Bar Kit, 13-Position	3 lbs.
900355	Cable Support, Extra Bar Kit, 22-Position	5 lbs.



Universal T-Bracket

This versatile low-PIM cable support bracket can be used on angle or pipe legs.

- Galvanized to avoid PIM issues with dissimilar metals
- Mounts to round legs or angle legs (60° or 90°)
- Stands 16" off tower leg and supports up to six runs of cable using snap-in hangers
- Hot-dip galvanized



Part #	# of Snap-In Holes	Round Member Size	60° Angle Legs	90° Angle Legs	Weight
T600	6	1-1/2" - 6"	2-1/2" - 8"	2-1/2" - 5"	6 lbs.

Part #	Description	Weight
T-EXT	Universal T-Bracket Extension Kit	2 lbs.

Super Universal T-Brackets

This versatile low-PIM cable support bracket can be used on angle or pipe legs.

- Mounts to round legs or angle legs (60° or 90°)
- T1200 stands 18" off tower leg and supports up to 12 runs of cable using snap-in hangers
- T1800 stands 26" off tower leg and supports up to 18 runs of cable using snap-in hangers
- Hot-dip galvanized

Part #	# of Snap-In Holes	Round Member Size	60° Angle Legs	90° Angle Legs	Weight
T1200	12	1-1/2" - 6"	2-1/2" - 8"	2-1/2" - 5"	8 lbs.
T1800	18	1-1/2" - 6"	2-1/2" - 8"	2-1/2" - 5"	10 lbs.

Part #	Description	Weight
T-EXT	Universal T-Bracket Extension Kit	2 lbs.



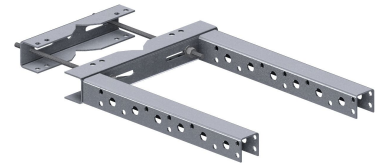
Super Universal Double T-Brackets

This versatile low-PIM cable support bracket can be used on angle or pipe legs.

- Mounts to round legs or angle legs (60° or 90°)
- DBT1200 stands 18" off tower leg and supports up to 24 runs of cable using snap-in hangers
- DBT1800 stands 26" off tower leg and supports up to 36 runs of cable using snap-in hangers
- Hot-dip galvanized

Part #	# of Snap-In Holes	Round Member Size	60° Angle Legs	90° Angle Legs	Weight
DBT1200	24	1-1/2" - 6"	2-1/2" - 8"	2-1/2" - 5"	13 lbs.
DBT1800	36	1-1/2" - 6"	2-1/2" - 8"	2-1/2" - 5"	16 lbs.

Part #	Description	Weight
T-EXT	Universal T-Bracket Extension Kit	2 lbs.



Heavy-Duty Universal Cable Support Brackets

This versatile cable support bracket can be used on round legs or PiRod knock-down legs.

- Heavy-duty construction
- Mount to round legs
- Can be bolted directly to PiRod knock-down legs with included hardware
- UTL4 and UTL8 stand 17-1/2" off tower leg; UTL14 stands 26" off tower leg
- Punched with 3/4" holes for snap-in hangers and 7/16" holes for 3/8" hardware
- Hot-dip galvanized

Part #	# of Snap-In Holes	Round Member Size	Weight
UTL4	4	1-1/2" - 5-1/2"	7 lbs.
UTL8	8	1-1/2" - 5-1/2"	11 lbs.
UTL14	14	1-1/2" - 5-1/2"	13 lbs.

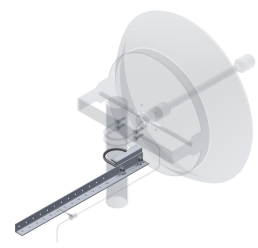


Antenna Waveguide Support Bracket

Use this kit to support waveguide behind a parabolic antenna.

- Provides support for the horizontal waveguide between the antenna and cable ladder
- Mounts to 4-1/2" OD antenna mounting pipe
- 36" support arm has thirteen 7/16" holes on 2" centers
- Cable support hardware purchased separately

Part #	Description	Weight
AWSB	Antenna Waveguide Support Bracket	12 lbs.



Universal Round-Member Support Bracket

This cable support brackets is used with banding for difficult large-diameter applications.

- Use on large diameter round members such as monopoles or water tower legs
- Attach with 1/2" banding or lag screws if using on a wood pole
- Punched with 3/4" holes for snap-in hangers and 7/16" holes for 3/8" hardware
- Multiple brackets can be used on the same length of banding

Part #	# of Snap-In Holes	# of 7/16" Holes	Weight
MS6	6	6	1 lb.



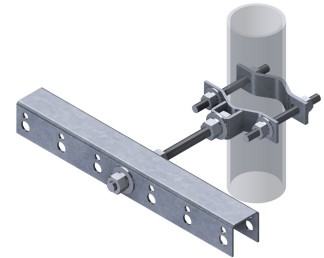
PIM-Mitigating Multi-Run Cable Support Kit

This low-PIM multi-run cable support kit mounts to round members up to 3-1/2".

- Mounts to round legs
- Stands off less than 12"
- Punched with 3/4" holes for snap-in hangers and 7/16" holes for 3/8" hardware
- Hot-dip galvanized



Part #	# of Snap-In Holes	# of 7/16" Holes	Weight
RRU-UT12	12	12	8 lbs.



PIM-Mitigating T-Brackets

This low-PIM multi-run cable support kit mounts to round members up to 3-1/2".

- Brackets are galvanized to avoid PIM issues with dissimilar metals
- Fit 2-3/8" to 4-1/2" OD legs
- Purchase 1/2" U-bolts separately
- Include holes for snap-in hangers and for 3/8" hardware



Part #	# of Snap-In Holes	# of 7/16" Holes	Weight
UT4-FB	4	8	2 lbs.
UT6-FB	6	14	3 lbs.
UT8-FB	8	18	3 lbs.



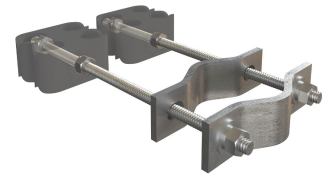
PIM-Mitigating Cable Block Brackets

Use this low-PIM bracket to support vertical cable runs using cable blocks.

- For mounting cable blocks to round tower members
- Galvanized brackets and hardware
- Cable blocks purchased separately



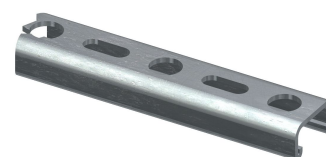
Part #	Description	Mounting Range	Qty.	Weight
ACP-PMB	Small Cable Block Bracket	1-1/2" to 3-1/2" OD	Each	3 lbs.
DCP-PMB	Large Cable Block Bracket	3-1/2" to 5"	Each	6 lbs.



Site-Strut

This versatile strut can be used to solve a variety of cable support issues at as communication site.

- 1-5/8" x 7/8" x 10' strut pre-punched with 3/4" holes to accept snap-in hangers
- 7/16" x 1-1/8" slots separate the snap-in holes
- Sold in 10' lengths; hot-dip galvanized
- 3" center-to-center spacing on matching holes

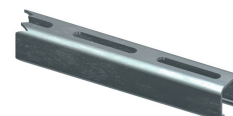


Part #	Length	Weight
SNT10	10'	11 lbs.

Square Strut

This versatile strut can be used to solve a variety of cable support issues at a communication site.

- 1-5/8" x 1-5/8" heavy-duty 12 ga slotted square strut
- Available in electro galvanized, hot-dip galvanized, and stainless steel versions



Part #	Length	Slot Size	Spacing	Finish	Weight
UNT5	5'	7/16" x 3"	4"	Electro Galvanized	8 lbs.
US10	10'	9/16" x 1-1/8"	2"	Electro Galvanized	15 lbs.
US10-HDG	10'	9/16" x 1-1/8"	2"	Hot-Dip Galvanized	19 lbs.

Rubber End Caps

These caps are used on the end of strut to cover sharp edges and to provide a finished look.

- Molded rubber end caps for 1-5/8" x 1-5/8" and 1-5/8" x 7/8" strut

Part #	Strut Size	Color	Weight
UNICAP	1-5/8"	White	1 lb.
REDCAP	1-5/8"	Red	1 lb.
CAP78	7/8"	White	1 lb.



Waveguide Brackets

This versatile bracket can support multiple cable runs on a tower or wall.

- Heavy-duty brackets can be wall mounted or used on ladders, etc
- 3/4" holes for snap-ins and 7/16" holes for 3/8" hardware
- Hot-dip galvanized
- 3" center-to-center spacing on matching holes

Part #	Length	Finish	# of 7/16" Holes	Weight
WG4	13-1/2"	4	5	2 lbs.
WG6	19-3/4"	6	7	2 lbs.
WG9	28-3/4"	9	10	3 lbs.
WG12	37-3/4"	12	13	4 lbs.



Spring Nuts

Use spring nuts to attach accessories to strut using 3/8" hardware.

- Accept 3/8" hardware
- SP78 is electro galvanized; SP158 is hot-dip galvanized

Part #	Strut Size	Weight
SP78	1-5/8" x 7/8"	1 lb.
SP158	1-5/8" x 1-5/8"	1 lb.

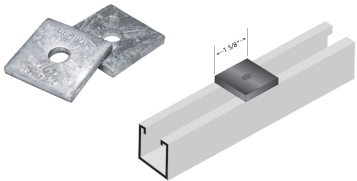


Square Nuts

Use square nuts to attach accessories to strut using 3/8" hardware.

- Accepts 3/8" hardware
- Works with all 1-5/8" struts
- Hot-dip galvanized

Part #	Strut Size	Qty.	Weight
SQN1	1-5/8"	Each	1 lb.



Universal Square Rail Snap-In Support

This adapter allows direct attachment of snap-in hangers to 1-5/8" strut.

- 304 stainless steel construction
- Snap into 1-5/8" wide square rail or strut
- For use with standard or stackable snap-in hangers

Part #	Description	Qty.	Weight
ARA22	Square Rail Snap-In Support	10 pack	1 lb.



Hardware

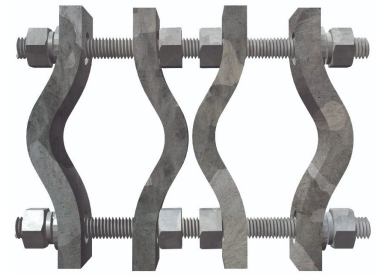


Pipe-to-Pipe Clamp Sets

This clamp kit enables mounting of two pipes in a back-to-back configuration.

- Used for attaching pipes in parallel orientation
- All hardware included
- Hot-dip galvanized

Part #	Pipe Size	Clamp Thickness	Threaded Rod	Kit Qty.	Weight
ACP10K	1-1/2" - 3-1/2"	1/4"	1/2" x 10"	Kit of 2	9 lbs.
SCP10K	1-1/2" - 3-1/2"	1/2"	1/2" x 10"	Kit of 2	12 lbs.
DCP12K	1-1/2" - 5"	1/2"	5/8" x 12"	Kit of 2	22 lbs.
DCP18K	1-1/2" - 5"	1/2"	5/8" x 18"	Kit of 2	26 lbs.



Welded Pipe-to-Pipe Clamp Sets

This clamp kit enables mounting of two pipes in a back-to-back configuration.

- Used for attaching pipes in parallel orientation
- All hardware included
- Hot-dip galvanized

Part #	Pipe Size	Clamp Thickness	Threaded Rod	Kit Qty.	Weight
SCP10W	1-1/2" - 3-1/2"	1/2"	1/2" x 10"	Kit of 2	12 lbs.

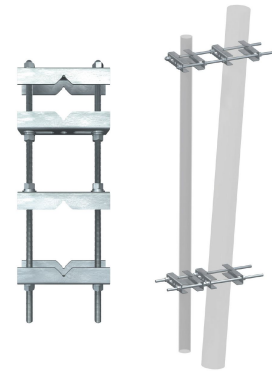


Universal Pipe-to-Pipe Clamp Sets

This clamp kit enables mounting of two pipes in a back-to-back configuration.

- Universal design allows attachment of pipes to pipes or angles
- Wide operating ranges insures that you will always have the right clamp set
- Taper adjustable
- Kits include upper and lower clamp sets

Part #	Pipe Size	Angle Size	Threaded Rod	Threaded Rod	Kit Qty.	Weight
UPC1	1-1/4" - 4-1/2"	1-1/2" - 3"	1/2" x 10"	(4) 1/2" x 10"	Kit of 2	20 lbs.
UPC2	1-1/4" - 4-1/2" 1-1/2" - 3"	1-1/4" - 10" 3" - 7"	1/2" x 10"	(8) 1/2" x 15"	Kit of 2	22 lbs.



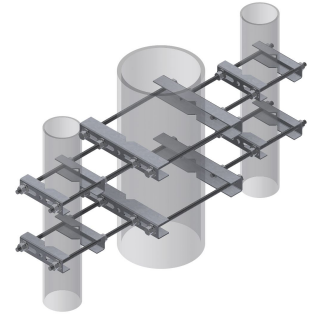
CLAMP SETS

Three-Way Universal Pipe-to-Pipe Clamp Sets

This set is used for attaching pipes in a parallel fashion.

- Accommodates pipe or square tube in center
- All hardware included
- Hot-dip galvanized steel

Part #	Side Pipes Size	Center Pipe Size	Threaded Rod	Kit Qty.	Weight
3WPP-UPC	1-1/4" - 4-1/2"	1-1/4" - 10"	1/2" x 15"	Kit of 2	32 lbs.

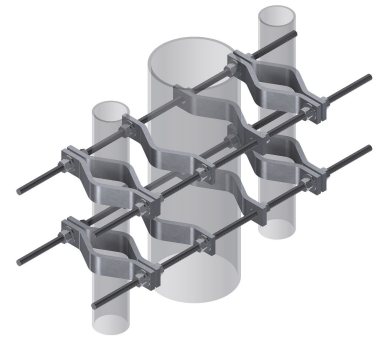


Three-Way Pipe-to-Pipe Clamp Sets

This clamp kit enables mounting of three pipes in a back-to-back configuration.

- Used for attaching pipes in parallel fashion
- All hardware included
- Hot-dip galvanized

Part #	Pipe Size	Clamp Thick Ness	Threaded Rod	Qty.	Weight
3WPP-DCP	1-1/2" - 5"	1/2"	5/8" x 24"	Kit of 2	42 lbs.



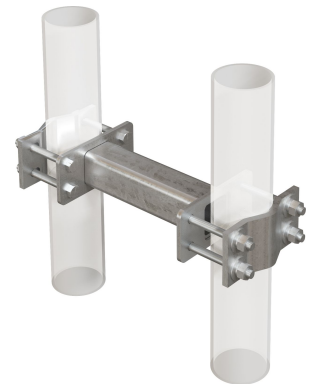
Heavy-Duty Standoff Pipe Clamps

These heavy-duty pipe clamps provide a robust standoff solution for mast pipes.

- Attaches to 2.375" - 4.5" O.D. members
- Allows parallel pipe to pipe connections
- Hot-dip galvanized steel construction



Part #	Standoff Distance	Round Member Size	Weight
SOPTP6-U	6"	2.375" - 4.5" O.D.	28 lbs.
SOPTP12-U	12"	2.375" - 4.5" O.D.	33 lbs.
SOPTP24-U	24"	2.375" - 4.5" O.D.	45 lbs.

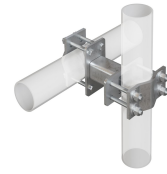


Standoff Crossover Kit

These universal standoff crossovers help offset antenna distances from their attachment points.

- Attaches to 2.375" - 4.5" O.D. members
- Allows horizontal to vertical 90 degree connection
- Hot-dip galvanized steel construction

NEW



Part #	Standoff Distance	Round Member Size	Weight
SOCX3-U	3"	2.375" - 4.5" O.D.	26 lbs.
SOCX6-U	6"	2.375" - 4.5" O.D.	28 lbs.
SOCX9-U	9"	2.375" - 4.5" O.D.	30 lbs.
SOCX12-U	12"	2.375" - 4.5" O.D.	33 lbs.

Part #	Description	Weight
BSMH-DCF	Base Shoe Platform Mounting Hardware	10 lbs.

Crossover Plates

Crossover plates are used to attach two pipes perpendicular to each other

- Heavy-duty crossover plates are used to attach pipes in 90° fashion
- U-bolts sold separately
- Hot-dip galvanized

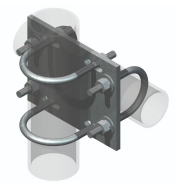


Part #	Smaller Pipe Size	Larger Pipe Size	Size	Qty.	Weight
SCX1	2-3/8"	2-3/8"	3/8" x 6" x 6"	Each (No Hardware)	4 lbs.
SCX2	2-3/8" - 2-7/8"	2-3/8" - 2-7/8"	3/8" x 7" x 7"	Each (No Hardware)	5 lbs.
SCX3	3-1/2"	3-1/2"	3/8" x 8" x 9"	Each (No Hardware)	8 lbs.
SCX4	2-3/8" - 2-7/8"	2-7/8" - 4-1/2"	3/8" x 7" x 8-1/2"	Each (No Hardware)	6 lbs.
SCX6	2-3/8" - 2-7/8"	4-1/2" - 6-5/8"	1/2" x 7" x 11"	Each (No Hardware)	10 lbs.
SCX7	3-1/2"	4-1/2"	3/8" x 7" x 8"	Each (No Hardware)	8 lbs.

Crossover Plate Kits

Crossover plate kits are used to attach two pipes perpendicular to each other

- Heavy-duty crossover plate kits are used to attach pipes in 90° fashion
- U-bolts and hardware are included
- Hot-dip galvanized



Part #	Smaller Pipe Size	Larger Pipe Size	Thickness	Qty.	Weight
SCX34-K	4-1/2"	4-1/2"	3/8"	1 Plate, 4 U-Bolts & Hardware	13 lbs.
SCX1-K	2-3/8"	2-3/8"	3/8"	1 Plate, 4 U-Bolts & Hardware	7 lbs.
SCX2-K	2-3/8"	2-7/8"	3/8"	1 Plate, 4 U-Bolts & Hardware	8 lbs.
SCX23-K	2-7/8"	2-7/8"	3/8"	1 Plate, 4 U-Bolts & Hardware	8 lbs.
SCX3-K	3-1/2"	3-1/2"	3/8"	1 Plate, 4 U-Bolts & Hardware	11 lbs.
SCX43-K	2-3/8"	3-1/2"	3/8"	1 Plate, 4 U-Bolts & Hardware	10 lbs.
SCX4-K	2-3/8"	4-1/2"	3/8"	1 Plate, 4 U-Bolts & Hardware	16 lbs.
SCX45-K	2-7/8"	3-1/2"	3/8"	1 Plate, 4 U-Bolts & Hardware	16 lbs.
SCX6-K	2-7/8"	4-1/2"	1/2"	1 Plate, 4 U-Bolts & Hardware	13 lbs.
SCX7-K	3-1/2"	4-1/2"	1/2"	1 Plate, 4 U-Bolts & Hardware	12 lbs.

Universal Crossover Angle

Crossover angle kits are used to attach two pipes perpendicular to each other.

- Used to attach pipes in 90° fashion
- Hardware included
- Hot-dip galvanized

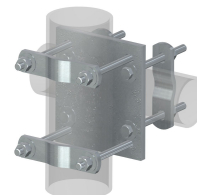


Part #	Smaller Pipe Size	Larger Pipe Size	Thickness	Qty.	Weight
XA-U	1-1/2" - 3-1/2"	1-1/2" - 3-1/2"	1/4"	1 Angle, 2 Clamps & Hardware	1 lb.

Universal Crossover Plate Kits

Crossover plate kits are used to attach two pipes perpendicular to each other

- Accommodate the new sizes of antenna pipes being used today
- Universal feature removes uncertainty in the field
- All hardware included
- Hot-dip galvanized

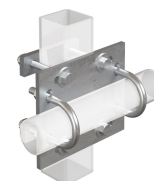


Part #	Smaller Pipe Size	Larger Pipe Size	Thickness (Hardware Size)	Qty.	Weight
SCX3-U	1-1/2" - 4-1/2"	1-1/2" - 4-1/2"	3/8" (1/2")	1 Plate, 4 V-Clamps & Hardware	16 lbs.
SCX6-U	1-1/2" - 2-7/8"	2-1/2" - 6"	1/2" (1/2")	1 Plate, 4 V-Clamps & Hardware	17 lbs.
SCX7-U	1-1/2" - 3-1/2"	1-1/2" - 4-1/2"	1/2" (1/2")	1 Plate, 4 V-Clamps & Hardware	16 lbs.

Crossover Plate Kits for Square Tube/Pipe

These crossover plate kits are used to attach pipe and square tube perpendicular to each other

- These kits are used to attach pipe to square tube in 90° fashion
- U-bolts and hardware included
- Hot-dip galvanized



Part #	Pipe Size	Square Tube Size	Thickness	Quantity	Weight
STCX43-K	2-3/8"	Up to 3"	3/8"	1 Plate, 2 U-Bolts, 2 Bolts & Backing Plates	12 lbs.
STCX45-K	2-7/8"	Up to 3"	3/8"	1 Plate, 2 U-Bolts, 2 Bolts & Backing Plates	12 lbs.
SQCX4-K	2-3/8" or 2-7/8"	4"	3/8"	1 Plate, 4 U-Bolts, 2 Square U-Bolts & Hardware	12 lbs.

Pipe/Angle Crossover Plate Kits

These crossover plate kits are used to attach pipe and angle perpendicular to each other

- Used for attaching pipe to angle in 90° fashion
- U-bolts and hardware included
- Hot-dip galvanized

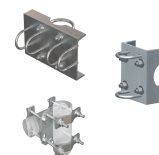


Part #	Angle Size	Pipe Size	Thickness	Qty.	Weight
ACX238-K	3" x 3"	2-3/8"	3/8"	1 Plate, 4 U-Bolts & Hardware	10 lbs.
ACX278-K	3" x 3"	2-7/8"	3/8"	1 Plate, 4 U-Bolts & Hardware	10 lbs.

Pipe Cross Support Plates

This kit provides a secure means of mounting horizontal support pipes.

- Heavy-duty saddle design prevents pipe rotation
- Hardware included
- Hot-dip galvanized



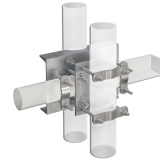
Part #	Smaller Pipe Size	Larger Pipe Size	Contents	Weight
FCX45-U	2-3/8" - 4-1/2"	2-3/8" - 4-1/2"	1 Plate, 4 V-Clamps & Hardware	26 lbs.
SP219	2-3/8"	3-1/2"	1 Bracket, 4 U-Bolts	12 lbs.
SP219-H	2-7/8"	3-1/2"	1 Bracket, 4 U-Bolts	13 lbs.
SP216	3-1/2"	4-1/2"	1 Bracket, 6 U-Bolts	30 lbs.

CROSSOVERS

Pipe/Square Tube Cross Support Plate

This kit provides a secure means of mounting pipes.

- Heavy-duty saddle attaches to 4-1/2" OD vertical pipe
- Includes hardware to support square tube or pipe up to 3-1/2"
- All hardware included

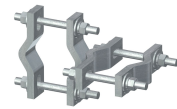


Part #	Smaller Pipe Size/Square Tube Size	Larger Pipe Size	Contents	Weight
SP216-CK	1-1/2" to 3-1/2"	4-1/2"	1 Bracket, 1 Crossover Plate, 12 Bolts, 4 V-Clamps	45 lbs.

Crossover Clamp Sets

Crossover clamp sets are used to attach two pipes perpendicular to each other

- Used for attaching pipes in 90° junction
- All hardware included
- Hot-dip galvanized

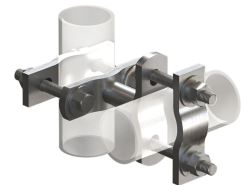


Part #	Smaller Pipe Size	Larger Pipe Size	Weight
SSCK	1-1/2" - 3-1/2"	1-1/2" - 3-1/2"	7 lbs.
DSCK	1-1/2" - 3-1/2"	2-3/8" - 5"	10 lbs.

V-Clamp Crossover

This crossover connection provides a small 3" standoff at 90°.

- Used for attaching pipes in perpendicular orientation
- All hardware included
- Hot-dip galvanized



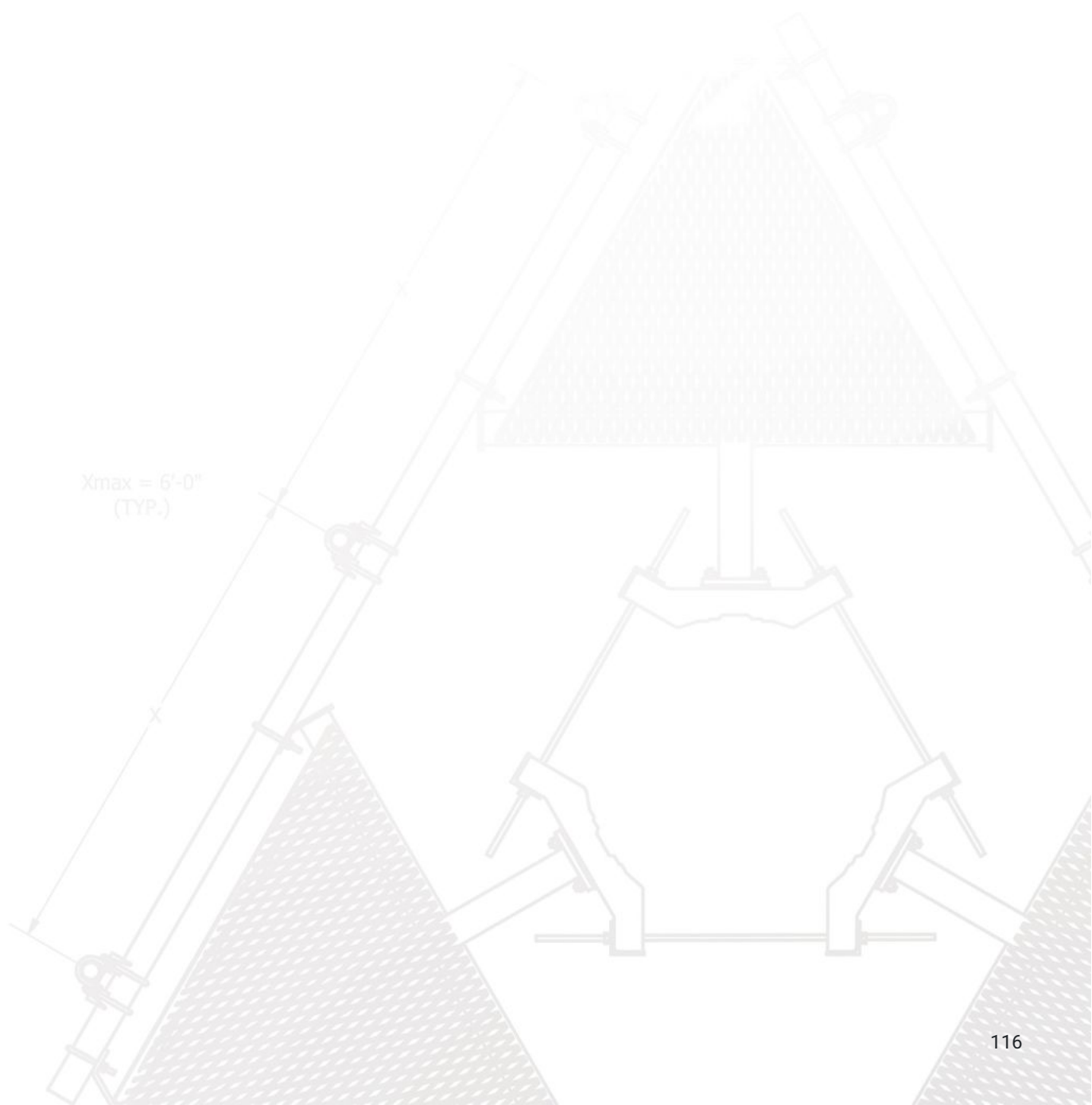
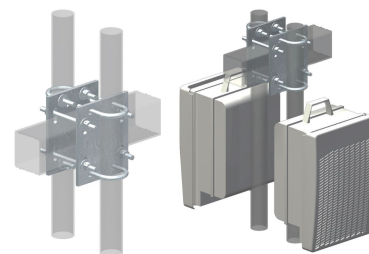
Part #	Pipe Size	Plate Thickness	Standoff Distance	Weight
VCX1-2K	1.9" - 2.375"	3/8"	2-3/4"	6 lbs.

Back-to-Back Pipe Mount Kits

This kit provides a simple way to add RRU's to a monopole standoff arm.

- Provide back-to-back pipes, useful for RRU mounting
- BBPM-U uses clamp halves for universal pipe sizes
- Order mounting pipes separately

Part #	Pipe Sizes	Stand-Off Arms	Weight
BBPM-K1	2-3/8"	3-1/2" - 4-1/2"	18 lbs.
BBPM-K2	2-7/8"	3-1/2" - 4-1/2"	18 lbs.
BBPM-K3	2-3/8"	3-1/2" - 6"	20 lbs.
BBPM-U	2-3/8" - 4-1/2"	2-3/8" - 4-1/2"	25 lbs.

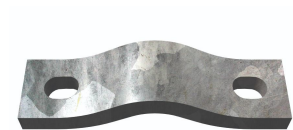


BRACKETS & CLAMPS

Clamp Halves

These versatile clamps have many uses at communication sites.

- Used in many of our kits, these parts can be problem solvers in the field
- Hot-dip galvanized

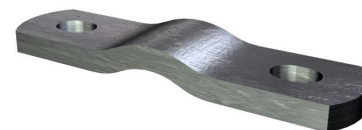


Part #	Overall Size	Hardware Size	Hole Size	Hole Spacing (c-c)	Thickness	Weight
ACP	5-3/4"	1/2"	9/16" x 3/4"	4-1/16"	1/4"	1 lb.
SCP	5-3/4"	1/2"	9/16" x 3/4"	4-1/16"	1/2"	2 lbs.
DCP	8-1/8"	5/8"	11/16" x 1"	5-3/4"	1/2"	2 lbs.
MCP	11-5/8"	5/8"	11/16" x 1"	9-1/2"	1/2"	3 lbs.

V-Clamp Halves

These versatile clamps have many uses at communication sites.

- Used in many of our kits, these parts can be problem solvers in the field
- Hot-dip galvanized



Part #	Overall Size	Hardware Size	Hole Size	Hole Spacing (c-c)	Thickness	Weight
X-116165	5"	1/2"	9/16" x 3/4"	3"	3/8"	1 lb.
X-100064	6"	1/2"	9/16" x 3/4"	4"	3/8"	1 lb.
X-115765	7"	1/2"	9/16" x 3/4"	5"	3/8"	2 lbs.
X-104223	8-5/8"	1/2"	9/16" x 3/4"	6-5/8"	3/8"	2 lbs.

Heavy-Duty Clip Angles

These versatile parts have many uses at communication sites.

- Used for attaching steel components such as ice bridge sections, etc
- Available for 3/8" and 1/2" hardware
- Slotted holes allow use in a wide range of applications
- Hot-dip galvanized



Part #	Hardware Size	Slot Size	Dimensions	Weight
CA38	3/8"	7/16" x 1-1/2"	3" x 3" x 2" x 1/4"	1 lb.
CA12	1/2"	9/16" x 1-1/2"	3" x 3" x 2" x 1/4"	1 lb.

Light-Duty Clip Angles

This product is useful for supporting wires, brackets, sheet metal, and more, as utilized in our rooftop cable kits.

- Slotted holes allow use in a wide range of applications
- Hot-dip galvanized steel

Part #	Description	Slot Size	Dimensions	Weight
RCCLIP	Short Clip	7/16" x 1-1/4"	3" x 3" x 2" x 12 ga	1 lb.
RCCLIP2	Long Clip	7/16" x 1-1/4"	3" x 7-1/2" x 2" x 9 ga	1 lb.

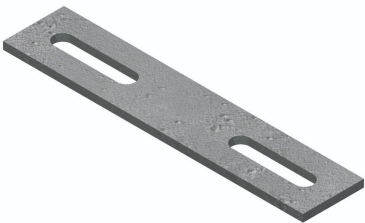


Universal Heavy Splice

This versatile part has many uses at communication sites.

- Real problem solvers; we use them in our cable ladder and ice bridge kits, you can use them to support wires, brackets, sheet metal, etc
- Slotted holes allow use in a wide range of applications
- Hot-dip galvanized

Part #	Slot Size	Dimensions	Thickness	Weight
SPLICE	7/16" vs 4/16"	1-1/2" x 7-3/8"	3-16"	1 lb.



Bulk Pipe

This hot-dip galvanized pipe is available in a variety of sizes.

- Plain-end hot-dip galvanized pipe
- ASTM A53 Grade B Schedule 40 or Schedule 80
- Other sizes available, please inquire



Part #	Length	OD x Length (in)	Schedule	Weight
P263	5'-3"	2-3/8" x 63"	40	19 lbs.
P272	6'-0"	2-3/8" x 72"	40	23 lbs.
P284	7'-0"	2-3/8" x 84"	40	26 lbs.
P3252-80	21'-0"	3-1/2" x 252"	80	217 lbs.
P296	8'-0"	2-3/8" x 96"	40	28 lbs.
P2108	9'-0"	2-3/8" x 108"	40	34 lbs.
P2120	10'-0"	2-3/8" x 120"	40	37 lbs.
P2132	11'-0"	2-3/8" x 132"	40	40 lbs.
P2156	13'-0"	2-3/8" x 156"	40	207 lbs.
P2180	15'-0"	2-3/8" x 180"	40	55 lbs.
P2252	21'-0"	2-3/8" x 252"	40	77 lbs.
P3072	6'-0"	2-7/8" x 72"	40	35 lbs.
P3084	7'-0"	2-7/8" x 84"	40	41 lbs.
P3096	8'-0"	2-7/8" x 96"	40	49 lbs.
P30120	10'-0"	2-7/8" x 120"	40	60 lbs.
P30132	11'-0"	2-7/8" x 132"	40	68 lbs.
P30156	13'-0"	2-7/8" x 156"	40	78 lbs.
P30180	15'-0"	2-7/8" x 132"	40	90 lbs.
P30252	21'-0"	2-7/8" x 252"	40	122 lbs.
P360	5'-0"	3-1/2" x 60"	40	38 lbs.
P372	6'-0"	3-1/2" x 72"	40	47 lbs.
P384	7'-0"	3-1/2" x 84"	40	54 lbs.
P396	8'-0"	3-1/2" x 96"	40	61 lbs.
P3156	13'-0"	3-1/2" x 156"	40	92 lbs.
P472	6'-0"	4-1/2" x 72"	40	65 lbs.
P4126	10'-6"	4-1/2" x 126"	40	106 lbs.
P4252	21'-0"	4-1/2" x 252"	40	249 lbs.
P2252-80	21'-0"	2-3/8" x 252"	80	106 lbs.
P30252-80	21'-0"	2-7/8" x 252"	80	170 lbs.



Bulk Angle

This hot-dip galvanized angle is available in a variety of sizes.

- 20' lengths of hot-dip galvanized angle
- Available in 36 ksi or 50 ksi

Part #	Size	Grade	Weight
ANG214	2" x 2" x 1/4" x 20'	36 ksi	52 lbs.
ANG314	3" x 3" x 1/4" x 20'	Dual-Certified (Meets 50 ksi)	102 lbs.
ANG414	4" x 4" x 1/4" x 20'	Dual-Certified (Meets 50 ksi)	138 lbs.



U-Bolts

These U-bolts are hot-dip galvanized and available in a variety of commonly used sizes.

- Kits include U-bolt, two nuts, two lock washers, and two flat washers
- Long thread lengths
- Hot-dip galvanized
- SAE J429 GR-5 for 5/8" diameter; all others SAE J429 GR-2
- Available individually or in bucket quantities

Part #	Diameter (D)	Width (W)	Length (L)	Thread (T)	Qty.	Weight
UB5418-B	5/8"	4-1/8"	7"	3"	25	46 lbs.
UB3200-B	3/8"	2"	3"	1-1/4"	100	43 lbs.
UB3212-B	3/8"	2-1/2"	3-5/8"	1-3/4"	100	48 lbs.
UB3300-B	3/8"	3"	4-1/4"	2"	100	53 lbs.
UB3312-B	3/8"	3-1/2"	4-3/4"	2"	100	45 lbs.
UB3418-B	3/8"	4"	5-3/4"	2-1/2"	100	63 lbs.
UB1400-B	1/2"	2"	4"	2"	100	70 lbs.
UB1212-B	1/2"	2-1/2"	4-1/2"	2"	100	68 lbs.
UB1300-B	1/2"	3"	5"	2"	50	43 lbs.
UB1358-B	1/2"	3-5/8"	5-1/2"	3"	50	41 lbs.
UB1306-B	1/2"	3-5/8"	6"	3"	50	43 lbs.
UB1418-B	1/2"	4-1/8"	6"	3"	25	26 lbs.
UB1458-B	1/2"	4-5/8"	7"	3"	25	26 lbs.
UB5258-B	5/8"	2-5/8"	4-1/2"	2"	25	33 lbs.
UB5300-B	5/8"	3"	5-1/4"	2-1/2"	25	40 lbs.
UB5358-B	5/8"	3-5/8"	6"	3"	25	40 lbs.
UB5458-B	5/8"	4-5/8"	7"	3"	25	46 lbs.



Square U-Bolts

These U-bolts are hot-dip galvanized and are sold individually or in bulk.

- Kits include U-bolt, two nuts, two lock washers, and two flat washers
- Long thread lengths
- Hot-dip galvanized
- SAE J429 GR-5 for 5/8" diameter; all others SAE J425 GR-2
- Available individually or in bucket quantities

Part #	Diameter (D)	Width (W)	Length (L)	Thread (T)	Qty.	Weight
SUB1418-B	1/2"	4-1/8"	6"	3"	25	23 lbs.



THREADED RODS

Stainless Steel Threaded Rod Kits

These kits have a variety of uses on communication sites.

- 3/8" stainless steel construction for corrosion resistance and ease of use
- Highest quality 304 series stainless steel
- Each kit contains 10 threaded rods, 30 flat washers, 30 lock washers, and 30 nuts



Part #	Rod	Kit Components	Weight
CH35	3/8" x 3-1/2"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	2 lbs.
CH50	3/8" x 5"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	3 lbs.
CH65	3/8" x 6-1/2"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	3 lbs.
CH80	3/8" x 8"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	3 lbs.
CH95	3/8" x 9-1/2"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	4 lbs.
CH120	3/8" x 12"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	4 lbs.

Stainless Steel Threaded Rods

These rods have a variety of uses on communication sites.

- Available in cut lengths or 6' sections
- Meet SAE J429 Grade 2
- Sold individually



Part #	Diameter	Length	Type	Weight
SS38R-18	3/8"	18"	304 Stainless Steel	1 lb.
SS38R-36	3/8"	36"	304 Stainless Steel	1 lb.
SS38R-72	3/8"	72"	304 Stainless Steel	2 lbs.
SS58R-72	5/8"	72"	304 SS	6 lbs.

Galvanized Threaded Rod Kits

These kits have a variety of uses on communication sites.

- 3/8" galvanized rods
- Each kit contains 10 threaded rods, 30 flat washers, 30 lock washers, and 30 nuts



Part #	Rod	Kit Components	Weight
CH65-G	3/8" x 6-1/2"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	3 lbs.
CH80-G	3/8" x 8"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	3 lbs.
CH95-G	3/8" x 9-1/2"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	4 lbs.
CH120-G	3/8" x 12"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	4 lbs.

Galvanized Threaded Rods

These rods have a variety of uses on communication sites.

- Available in cut lengths or 6' sections
- Meet SAE J429 Grade 2
- Sold individually

Part #	Diameter	Length	Type	Weight
G38R-12	3/8"	12"	Hot-Dip Galvanized	1 lb.
G38R-72	3/8"	72"	Hot-Dip Galvanized	2 lbs.
G12R-6	1/2"	6"	Hot-Dip Galvanized	1 lb.
G12R-8	1/2"	8"	Hot-Dip Galvanized	1 lb.
G12R-10	1/2"	10"	Hot-Dip Galvanized	1 lb.
G12R-12	1/2"	12"	Hot-Dip Galvanized	1 lb.
G12R-20	1/2"	20"	Hot-Dip Galvanized	1 lb.
G12R-24	1/2"	24"	Hot-Dip Galvanized	2 lbs.
G12R-72	1/2"	72"	Hot-Dip Galvanized	4 lbs.
G58R-8	5/8"	8"	Hot-Dip Galvanized	1 lb.
G58R-10	5/8"	10"	Hot-Dip Galvanized	1 lb.
G58R-12	5/8"	12"	Hot-Dip Galvanized	1 lb.
G58R-14	5/8"	14"	Hot-Dip Galvanized	1 lb.
G58R-18	5/8"	18"	Hot-Dip Galvanized	2 lbs.
G58R-24	5/8"	24"	Hot-Dip Galvanized	2 lbs.
G58R-48	5/8"	48"	Hot-Dip Galvanized	4 lbs.
G58R-72	5/8"	72"	Hot-Dip Galvanized	6 lbs.
G34R-72	3/4"	72"	Hot-Dip Galvanized	8 lbs.

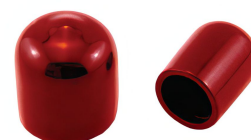


Threaded Rod End Caps

This product provides durable, high-visibility protection for threaded rod ends, enhancing safety and longevity.

- Protective design prevents damage to exposed threaded rod ends
- High visibility with red color for enhanced safety and identification
- Multiple sizes available to fit 3/8", 1/2", and 5/8" threaded rods
- Convenient packaging sold in packs of 100

Part #	Description	Quantity	Weight
TRC38-B	3/8" Threaded Rod Cap	Packs of 100	1 lb.
TRC38	3/8" Threaded Rod Cap	Packs of 100	1 lb.
TRC12	1/2" Threaded Rod Cap	Packs of 100	1 lb.
TRC58	5/8" Threaded Rod Cap	Packs of 100	1 lb.

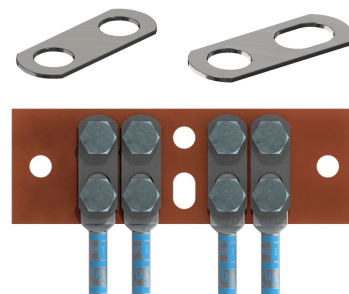


Ground Lug Washers

These washers eliminate problems of overlapping washers on ground bars.

- Provide evenly spread clamping force on lug
- No more grinding washers or skipping holes on ground bars
- GW381 works with 3/8" studs with 1" spacing; GW3U works with 3/8" studs with 3/8" or 1" spacing
- 300 series stainless steel
- Sold in packs of 10

Part #	Stud Size	Hole Spacing	Qty.	Weight
GW381	3/8"	1"	Pack of 10	1 lb.
GW3U	3/8"	3/4" - 1"	Pack of 10	1 lb.



Adapter Washer

These washers convert a 3/4" snap-in hole to a threaded hole for 3/8" hardware.

- 304 stainless steel

Part #	Qty.	Weight
ASN38	10 pack	1 lb.



Stainless Steel Hex Head Bolts

Bulk hardware packs in sizes commonly used on communication sites.

- 18-8 Stainless Steel
- Fully threaded

Part #	Size	Qty.	Weight
SS1401	1/4" x 1"	Pack of 100	2 lbs.
SS14114	1/4" x 1-1/4"	Pack of 100	3 lbs.
SS3858	3/8" x 5/8"	Pack of 100	4 lbs.
SS3834	3/8" x 3/4"	Pack of 100	4 lbs.
SS3801	3/8" x 1"	Pack of 100	5 lbs.
SS38114	3/8" x 1-1/4"	Pack of 100	5 lbs.
SS38112	3/8" x 1-1/2"	Pack of 100	6 lbs.
SS3802	3/8" x 2"	Pack of 100	1 lb.



Stainless Steel Hex Nuts

Bulk nuts in sizes commonly used on communication sites.

- 18-8 Stainless Steel

Part #	Size	Qty.	Weight
SS14NUT-100	1/4"	Pack of 100	1 lb.
SS14NUT	1/4"	Pack of 1,000	7 lbs.
SS38NUT-100	3/8"	Pack of 100	2 lbs.
SS38NUT	3/8"	Pack of 500	8 lbs.



Stainless Steel Lock Washers

Bulk lock washers in sizes commonly used on communication sites.

- 18-8 Stainless Steel

Part #	Size	Qty.	Weight
SS14LW-100	1/4"	Pack of 100	1 lb.
SS14LW	1/4"	Pack of 1,000	3 lbs.
SS38LW-100	3/8"	Pack of 100	1 lb.
SS38LW	3/8"	Pack of 500	4 lbs.



Stainless Steel Flat Washers

Bulk flat washers in sizes commonly used on communication sites.

- 18-8 Stainless Steel

Part #	Size	OD	Qty.	Weight
SS14FW-100	1/4"	5/8"	Pack of 100	1 lb.
SS14FW	1/4"	5/8"	Pack of 1,000	3 lbs.
SS38FW-100	3/8"	7/8"	Pack of 100	1 lb.
SS38FW	3/8"	7/8"	Pack of 500	3 lbs.
SS38FW-SM-100	3/8"	5/8"	Pack of 100	1 lb.
SS38FW-SM	3/8"	5/8"	Pack of 500	2 lbs.



Stainless Steel TEK Screws

Bulk screws in sizes commonly used on communication sites.

- Hex washer head self-drilling screws

Part #	Size	Qty.	Weight
ST1058	#10 x 5/8"	Pack of 500	3 lbs.
ST1114	#10 x 1-1/4"	Pack of 100	1 lb.



Wedge Anchors

These anchors are used to attach steel to concrete surfaces.

- Galvanized or 304 stainless steel

Part #	Size	Finish	Qty.	Weight
SWA382	3/8" x 2-3/4"	Stainless Steel	Each	1 lb.
SWA383	3/8" x 3-3/4"	Stainless Steel	Each	1 lb.
SWA123	1/2" x 3-3/4"	Stainless Steel	Each	2 lbs.
SWA585	5/8" x 5"	Stainless Steel	Each	3 lbs.
GWA123	1/2" x 3-3/4"	Galvanized	Each	2 lbs.
GWA124	1/2" x 4-1/2"	Galvanized	Each	2 lbs.
GWA125	1/2" x 5-1/2"	Galvanized	Each	2 lbs.
GWA586	5/8" x 6"	Galvanized	Each	3 lbs.



A325 Hex Bolts

This hardware is used in a variety of our steel kits and is also available for individual purchase.

- Galvanized
- Available individually or in bucket quantities

Part #	Size	Grade	Thread Length	U of M	Weight
A1202-B	1/2" x 2"	A325	1"	175	28 lbs.
A1205-B	1/2" x 5"	A325	1"	70	21 lbs.
A5802-B	5/8" x 2"	A325	1-1/4"	100	26 lbs.
A582114-B	5/8" x 2-1/4"	A325	1-1/4"	100	29 lbs.
A582112-B	5/8" x 2-1/2"	A325	1-1/4"	100	31 lbs.
A58234-B	5/8" x 2-3/4"	A325	1-1/4"	100	30 lbs.
A34214-B	3/4" x 2-1/4"	A325	1-3/8"	70	30 lbs.
A34212-B	3/4" x 2-1/2"	A325	1-3/8"	70	30 lbs.
A34234-B	3/4" x 2-3/4"	A325	1-3/8"	50	26 lbs.
A3405-B	3/4" x 5"	A325	1-3/8"	50	39 lbs.



Grade 5 Hex Bolts

This hardware is used in a variety of our steel kits and is also available for individual purchase.

- Galvanized
- Available individually or in bucket quantities

Part #	Size	Grade	Thread Length	U of M	Weight
G38114-B	3/8" x 1-1/4"	Grade 5	Full Thread	450	22 lbs.
G38112-B	3/8" x 1-1/2"	Grade 5	Full Thread	450	22 lbs.
G3802-B	3/8" x 2"	Grade 5	Full Thread	300	17 lbs.
G38212-B	3/8" x 2-1/2"	Grade 5	Full Thread	250	25 lbs.
G3803-B	3/8" x 3"	Grade 5	Full Thread	200	20 lbs.
G3804-B	3/8" x 4"	Grade 5	Full Thread	125	15 lbs.
G1201-B	1/2" x 1"	Grade 5	Full Thread	300	9 lbs.
G12112-B	1/2" x 1-1/2"	Grade 5	Full Thread	175	20 lbs.
G1202-B	1/2" x 2"	Grade 5	Full Thread	175	28 lbs.
G12212-B	1/2" x 2-1/2"	Grade 5	Full Thread	100	17 lbs.
G1203-B	1/2" x 3"	Grade 5	Full Thread	100	22 lbs.
G1204-B	1/2" x 4"	Grade 5	Full Thread	75	17 lbs.
G12045-B	1/2" x 4-1/2"	Grade 5	Full Thread	75	18 lbs.
G1205-B	1/2" x 5"	Grade 5	Full Thread	70	20 lbs.
G12065-B	1/2" x 6-1/2"	Grade 5	Full Thread	70	20 lbs.
G1208-B	1/2" x 8"	Grade 5	Full Thread	25	11 lbs.
G58112-B	5/8" x 1-1/2"	Grade 5	Full Thread	100	15 lbs.
G5802-B	5/8" x 2"	Grade 5	Full Thread	100	20 lbs.
G58312-B	5/8" x 3-1/2"	Grade 5	Full Thread	100	40 lbs.
G5804-B	5/8" x 4"	Grade 5	Full Thread	70	20 lbs.
G5806-B	5/8" x 6"	Grade 5	Full Thread	50	38 lbs.
G5807-B	5/8" x 7"	Grade 5	Full Thread	25	23 lbs.



Galvanized Heavy Hex Nuts

This hardware is used in a variety of our steel kits and is also available for individual purchase.

- Available individually or in bucket quantities

Part #	Size	Type	U of M	Weight
A34NUT-B	3/4"	2H Heavy	100	1 lb.
G1NUT-B	1"	2H Heavy	20	10 lbs.
G38NUT-B	3/8"	2H Heavy	500	7 lbs.
G12NUT-B	1/2"	2H Heavy	500	25 lbs.
G58NUT-B	5/8"	2H Heavy	200	20 lbs.
A58NUT-B	5/8"	2H Heavy	200	21 lbs.
G34NUT-B	3/4"	2H Heavy	100	20 lbs.



Galvanized Lock Washers

This hardware is used in a variety of our steel kits and is also available for individual purchase.

- Available individually or in bucket quantities

Part #	Size	U of M	Weight
G1LW-B	1"	100	5 lbs.
G38LW-B	3/8"	2,500	25 lbs.
G12LW-B	1/2"	1,000	16 lbs.
G58LW-B	5/8"	800	20 lbs.
G34LW-B	3/4"	400	20 lbs.



Galvanized Flat Washers

This hardware is used in a variety of our steel kits and is also available for individual purchase.

- Available individually or in bucket quantities

Part #	Size	Type	U of M	Weight
G1FW-B	1"	USS	100	5 lbs.
G38FW-B	3/8"	USS	1,500	20 lbs.
G12FW-B	1/2"	USS	500	20 lbs.
G58FW-B	5/8"	USS	400	20 lbs.
A58FW-B	5/8"	USS	400	15 lbs.
G34FW-B	3/4"	USS	250	25 lbs.



Galvanized Square Washers

These washers are used with square strut.

- Available individually or in bucket quantities

Part #	Hole Size (nominal)	Size	U of M	Weight
SQW38-B	3/8"	1/4" x 2" x 2"	150	38 lbs.
SQW12-B	1/2"	1/4" x 2" x 2"	150	40 lbs.



Galvanized Backing Plates

These plates are used for wall mount installations.

- Hot-dip galvanized steel construction

Part #	Hole Size	Size	Qty.	Weight
BP4	3/4"	1/4" x 4" x 4"	Each	2 lbs.
BP6	3/4"	1/4" x 6" x 6"	Each	3 lbs.



Select™ Screw Pin Shackles

These small shackles have a variety of uses.

- Hot-dip galvanized steel construction
- Meet Federal Specifications RR-C-271G, Type IVA, Grade A, Class 2
- BUCKETS: Add "-B" to end of part #

Part #	Size	U of M	Weight
SHK14	1/4" (1/2 Ton)	Each	1 lb.
SHK14-B	1/4" (1/2 Ton)	200	25 lbs.
SHK516	5/16" (3/4 Ton)	Each	1 lb.
SHK516-B	5/16" (3/4 Ton)	75	15 lbs.
SHK38	3/8" (1 Ton)	Each	1 lb.
SHK38-B	3/8" (1 Ton)	75	25 lbs.



Post Caps

These post caps are used to seal the end of fence posts, pipe columns, etc.

- Galvanized steel construction

Part #	Size	Qty.	Weight
PC238	2-3/8" OD Pipe	Each	1 lb.
PC278	2-7/8" OD Pipe	Each	1 lb.
PC312	3-1/2" OD Pipe	Each	1 lb.
PC412	4-1/2" OD Pipe	Each	1 lb.



Hardware Kits

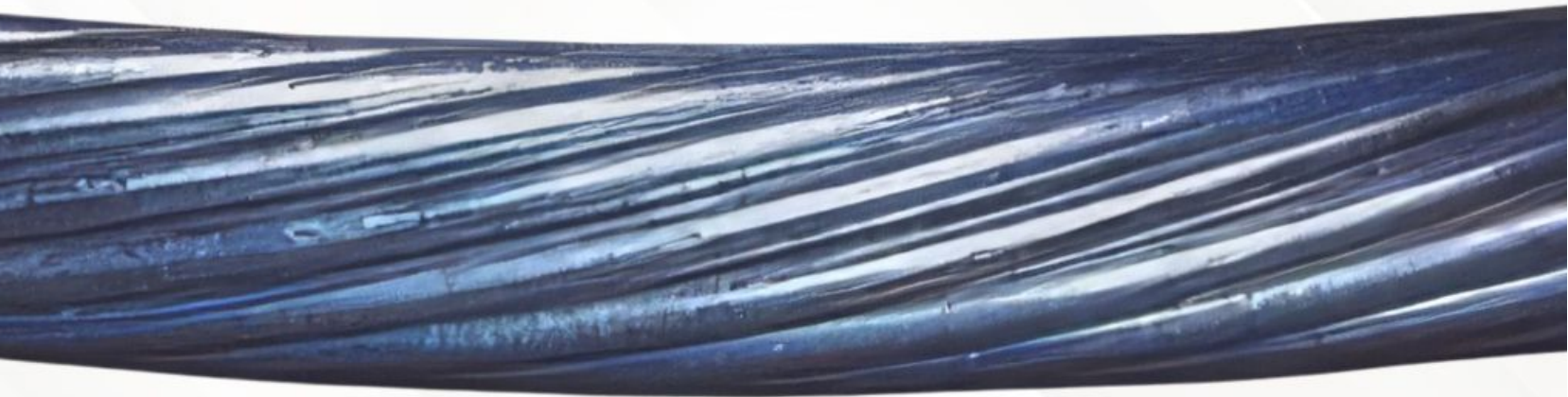
These kits can be used with cable hangers that require 3/8" hardware.

- Stainless steel fillister head screws with nuts and lock washers
- SW5 kit does not include nuts
- Use for attaching bolt-on style hangers

Part #	Screw Size	Qty.	Weight
SW5	3/8" x 1/2"	Pack of 10	1 lb.
SW75	3/8" x 3/4"	Pack of 10	1 lb.
SW1	3/8" x 1"	Pack of 10	1 lb.



Guy Components & Tower Bracing



Extra High Strength (EHS) Guy Strand

Use to add guy levels or replace strand on existing towers.

- Custom lengths
- Class A galvanized
- Left-hand lay only
- ASTM A-475 specification
- 2-5 day lead time, ships from TX, FL, or IN
- Please note this item is non-cancellable and non-returnable
- Order minimums may apply



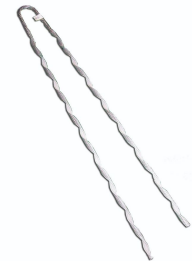
Part #	Size	Construction	Breaking Strength	Max. ft./Spool	lb./1,000'	Weight
320100	3/16"	7 wire	3,990 lb	10,000	72.9	0.07 lb.
320101	1/4"	7 wire	6,650 lb	10,000	93.8	0.09 lb.
320102	5/16"	7 wire	11,200 lb	10,000	205	0.21 lb.
320103	3/8"	7 wire	15,400 lb	10,000	273	0.27 lb.
320104	7/16"	7 wire	20,800 lb	5,000	399	0.40 lb.
320105	1/2"	7 wire	26,900 lb	5,000	517	0.52 lb.
320107	9/16"	7 wire	35,000 lb	5,000	671	0.67 lb.
320119	5/8"	7 wire	42,400 lb	5,000	796	0.80 lb.
320110	11/16"	19 wire	50,000 lb	2,500	1000	1.00 lb.
320111	3/4"	19 wire	58,300 lb	2,500	1155	1.20 lbs.
320112	7/8"	19 wire	79,799 lb	2,500	1581	1.58 lbs.

Galvanized Steel Dead-Ends (Preforms)

Use to create a termination point at the end of guy strand

- For use with left-hand lay guy strand

Part #	Strand Size	BS (lbs)	Color Code	Application	Weight
320500	3/16"	3,990	Red	7 Wire EHS	1 lb.
320501	1/4"	6,650	Yellow	7 Wire EHS	1 lb.
320502	5/16"	11,200	Black	7 Wire EHS	1 lb.
320503	3/8"	15,400	Orange	7 Wire EHS	2 lbs.
320504	7/16"	20,800	Green	7 Wire EHS	2 lbs.
320505	1/2"	29,960	Blue	7 or 19 Wire EHS	4 lbs.
320506	9/16"	40,130	Yellow	7 or 19 Wire EHS	5 lbs.
320507	5/8"	45,380	Black	7 or 19 Wire EHS	7 lbs.
320508	11/16"	58,000	Blue	19 Wire EHS or Bridge Strand	11 lbs.
320510	7/8"	79,700	Green	19 Wire EHS	19 lbs.



End Sleeves (Ice clips)

Use to protect ends of guy strand terminations

- For use on helical dead-ends for galvanized EHS guy strand
- Hot-dip galvanized

Part #	Strand Size	Ref #	Weight
320550	3/16"	GC-65303	1 lb.
320551	1/4"	GC-65136	1 lb.
320552	5/16"	GC-65128	1 lb.
320553	3/8"	GC-65264	1 lb.
320554	7/16"	GC-65265	1 lb.
320555	1/2"	GC-65266	1 lb.
320556	9/16"	GC-65267	1 lb.
320557	5/8"	GC-65268	1 lb.
320558	11/16" or 3/4"	GC-65269	1 lb.
320559	13/16" or 7/8"	GC-65270	1 lb.



Select™ Cable Clamps (Wire Rope Clips)

Use to splice cables or to form an eye at the end of a cable.

- Drop-forged base
- Rolled threads
- Hot-dip galvanized
- Meet federal specifications FF-C-450

Part #	Strand Size	Min # Required	Weight
320150-I	3/16"	2	1 lb.
320151-I	1/4"	2	1 lb.
320152-I	5/16"	2	1 lb.
320153-I	3/8"	2	1 lb.
320154-I	7/16"	2	1 lb.
320155-I	1/2"	3	1 lb.
320156-I	9/16"	3	2 lbs.
320157-I	5/8"	3	2 lbs.
320158-I	3/4"	4	2 lbs.
320159-I	7/8"	4	3 lbs.
320160-I	1"	5	3 lbs.
320161-I	1-1/4"	6	5 lbs.



Select™ Thimbles

Use to form an eye at the end of a cable.

- Heavy duty
- Hot-dip galvanized

Part #	Size	Weight
320776-I	1/4"	1 lb.
320777-I	5/16"	1 lb.
320778-I	3/8"	1 lb.
320779-I	7/16"	1 lb.
320780-I	1/2"	1 lb.
320782-I	9/16"	1 lb.
320783-I	5/8"	2 lbs.
320784-I	3/4"	2 lbs.
320785-I	7/8"	3 lbs.



Select™ Jaw-Jaw Turnbuckles

Use turnbuckles to tension guy cables.

- Heavy duty
- Hot-dip galvanized
- Jaw ends include bolt with nut and cotter pin
- All meet federal specification FF-T-791B, Type 1, Form 1, Class 7

Part #	Size	Take-Up	Breaking Strength (lb)	Weight
320600-I	1/2"	12"	11,000	3 lbs.
320601-I	5/8"	12"	17,500	5 lbs.
320602-I	3/4"	12"	26,000	7 lbs.
320598-I	3/4"	18"	26,000	9 lbs.
320603-I	7/8"	12"	36,000	10 lbs.
320599-I	7/8"	18"	36,000	12 lbs.
320604-I	1"	12"	50,000	14 lbs.
320607-I	1"	18"	50,000	18 lbs.
320605-I	1-1/4"	18"	76,000	26 lbs.
320606-I	1-1/2"	18"	1,07,000	38 lbs.



Select™ Jaw-Eye Turnbuckles

Use turnbuckles to tension guy cables.

- Heavy duty
- Hot-dip galvanized
- Jaw end includes bolt with nut and cotter pin
- All meet federal specification FF-T-791B, Type 1, Form 1, Class 8



Part #	Size	Take-Up	Breaking Strength (lb)	Weight
320596-I	1/2"	12"	11,000	3 lbs.
320597-I	5/8"	12"	17,500	5 lbs.
320595-I	3/4"	12"	26,000	7 lbs.
162930-I	7/8"	12"	36,000	10 lbs.
162931-I	1"	12"	50,000	12 lbs.
320625-I	1-1/4"	18"	76,000	26 lbs.
320626-I	1-1/2"	18"	1,07,000	38 lbs.

Select™ Bolt-Type Anchor Shackles

These shackles can be used at the ends of guy cables to attach to tower members or anchor rods.

- Forged shackles
- Bolt-type anchor
- This-head bolt with nut and cotter pin
- Hot-dip galvanized
- Meet federal specification RR-C-271D, Type IVA, Grade A, Class 3
- Stocked in Plymouth, IN and Carrollton, TX facilities



Part #	Size	Inside Width at Pin	Pin Dia.	Working Load Limit (tons)	Breaking load (lb)	Weight
320751-I	1/2"	13/16"	5/8"	2	20,000	1 lb.
320752-I	5/8"	1-1/16"	3/4"	3.25	32,500	2 lbs.
320753-I	3/4"	1-1/4"	7/8"	4.75	47,500	3 lbs.
320754-I	7/8"	1-7/16"	1"	6.5	65,000	4 lbs.
320755-I	1"	1-11/16"	1-1/8"	8.5	85,000	6 lbs.
320756-I	1-1/8"	1-13/16"	1-1/4"	9.5	95,000	9 lbs.
320757-I	1-1/4"	2-1/32"	1-3/8"	12	1,20,000	12 lbs.

Cable Accessories



Clamp Heads

Clamp heads can be used with hose clamps or 1/2" banding to attach hangers using 3/8" hardware.

- Heavy-duty 304 stainless steel construction
- Slots accept 1/2" banding or hose clamps
- Attach with 3/8" hardware

Part #	Qty.	Weight
CLH	Each	1 lb.



Nylon Cross

Use the nylon cross to mount hangers using 3/8" hardware.

- Four 3/8" threaded holes
- 1-1/2" OD x 3/4" thick
- Manufactured from UV-resistant nylon
- Convenient way to mount cushion hangers

Part #	Qty.	Weight
NCR5	5 pack	1 lb.



Super Cross

The super cross is used to mount hangers using 3/8" hardware.

- Six 3/8" holes allow attachment of five cushion hangers
- Manufactured from lightweight aluminum
- Includes 3/8" x 3-1/2" stainless steel threaded rod, nut, and lock washer
- Sold individually

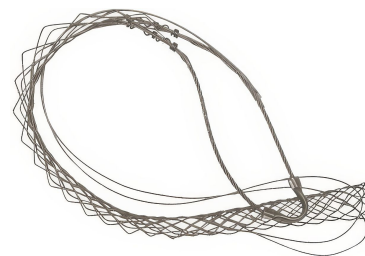
Part #	Qty.	Weight
SCR6	Each	1 lb.



Lace-Up Hoisting Grips

Hoisting grips are used to support the weight of vertical cable runs.

- Lace-up grips allow installation after connectors are installed
- Stainless steel braided wire construction
- Our grips are longer, resulting in less stress to the cable and greater performance in resisting pull-out, flexure, and vibration



Part #	Cable Size & Type	Overall Length	Mesh Length	Weight
HG12	1/2" Coax & Stranded 15mm & 1/2" Cable	15"	8"	1 lb.
HG58	5/8" Coax & Stranded 22mm & 7/8" Cable	29"	22"	1 lb.
HG78	7/8" Coax & Stranded 30mm & 1-1/4" Cable	34"	21-1/2"	1 lb.
HG114	1-1/4" Coax & Stranded 42mm & 1-5/8" Cable	40"	27"	1 lb.
HG158	1-5/8" Coax	45"	30"	1 lb.
HG214	2-1/4" Coax	45"	30"	2 lbs.

Closed Hoisting Grips

Hoisting grips are used to support the weight of vertical cable runs.

- Closed style allows simplified installation, simply slip on to the cable
- Stainless steel braided wire construction
- Use at top of cable before installing connector



Part #	Cable Size & Type	Overall Length	Mesh Length	Weight
HG38-C	3/8" Coax & Stranded 10mm Cable & 3/8" Flex, & RG11U	11"	6"	1 lb.
HG12-C	1/2" Coax & Stranded 15mm & 1/2" Cable	18"	7"	1 lb.
HG58-C	5/8" Coax & Stranded 22mm & 7/8" Cable	25"	14"	1 lb.
HG78-C	7/8" Coax & Stranded 30mm & 1-1/4" Cable	34"	21-1/2"	1 lb.
HG114-C	1-1/4" Coax & Stranded 42mm & 1-5/8" Cable	40"	27"	1 lb.
HG158-C	1-5/8" Coax	45"	30"	1 lb.
HG214-C	2-1/4" Coax	45"	30"	1 lb.

Plastic Polymer Snap-In Hangers

These PIM-free hangers are for use on horizontal cable runs.

- For use on horizontal cable runs only; not to be used on vertical cable runs
- PIM-free polymer material
- Self-adjusting variable diameter
- Space-saving design for tighter applications
- Use with SA1C PIM-free standoff adapters

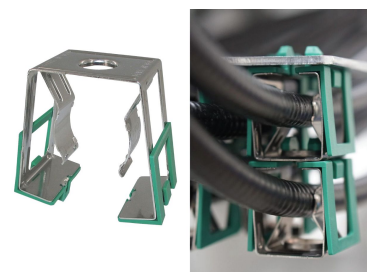


Part #	Cable Size Range	AT&T Approved cables	Qty.	Weight
PSPS-0407-10	4 to 7 mm	2 fiber jumpers and 4 fiber jumpers	10 pack	3 lbs.
PSPS-0710-10	7 to 10 mm	RET cables	10 pack	3 lbs.
PSPS-1014-10	10 to 14 mm	12 & 10 AWG 2C power cables	10 pack	3 lbs.
PSPS-1417-10	14 to 17 mm (1/2")	8 AWG 2C power cables or 1/2" coax jumpers	10 pack	3 lbs.

Hybrid Snap-In Hangers

PIM Shield® Hybrid Snap-Ins provide a low passive intermodulation (PIM) solution for securing RF, fiber, power, and RET cables in high-risk PIM zones. Designed with insulated mating surfaces, these snap-ins eliminate metal-to-metal contact while ensuring high-strength and easy installation. The stainless steel frame and UV-stable, glass-filled nylon insulation provide durability for long-term deployment.

- Low PIM hybrid design prevents metal-to-metal contact
- 360° rotation at mounting interface for easy positioning
- IM3 < -100 dBm under IEC 62037-8 testing
- Secure fit into support bars (sold separately)



Part #	Cable Size Range	Qty.	Weight
PSHS-1319-10	13 to 19 mm (1/2")	10 pack	9 lbs.
PSHS-2630-10	26 to 30 mm (7/8")	10 pack	9 lbs.
PSHS-3642-10	36 to 42 mm (1-1/4")	10 pack	21 lbs.
PSHS-4852-10	48 to 52 mm (1-5/8")	10 pack	22 lbs.

MonoBloc Stackable Snap-In Hangers

These stackable snap-in hangers can be used for vertical or horizontal cable runs.

- 304 stainless steel
- One-hand instant mounting, easy-to-use inner locking bands and strong outside structure
- Heavy-duty MonoBloc design allows stacking four cables; you can even stack three 1-5/8" cables with a feeder cable on top without additional support brackets
- Excellent cable retention

Part #	Cable Size	Qty.	Weight
SIC1	13 to 19 mm (1/2")	10 pack	1 lb.
SIC2	26 to 29 mm (7/8")	10 pack	1 lb.
SIC3	36 to 42 mm (1-1/4")	10 pack	2 lbs.
SIC4	48 to 52 mm (1-5/8")	10 pack	2 lbs.



Stackable Snap-In Hangers

These stackable snap-in hangers can be used for vertical or horizontal cable runs.

- 304 stainless steel
- For use on all corrugated cables
- Heavy-duty design prevents pop-outs
- Excellent cable retention

Part #	Cable Size	Qty.	Weight
12SS-A	15 to 18 mm (1/2")	10 pack	1 lb.
78SS-A	26 to 31 mm (7/8")	10 pack	1 lb.
114SS-A	37 to 43 mm (1-1/4")	10 pack	1 lb.
158SS-A	49 to 51 mm (1-5/8")	10 pack	2 lbs.



Adjustable Stackable Snap-In Hangers

The adjustable design of these hangers allows them to be used on a range of cable sizes.

- Range-taking design allows for use on hybrid power and coaxial cables
- Eliminate need for barrel cushions so install three times faster
- Self-adjusting variable diameter
- Stack up to three deep

Part #	Cable Size Range	Qty.	Weight
SSH-MD	14 to 25 mm	10 pack	1 lb.
SSH-LG	26 to 36 mm	10 pack	1 lb.
SSH-XL	36 to 51 mm	10 pack	2 lbs.



Universal Snap-In Hangers

These snap-in hangers can be used for vertical or horizontal cable runs.

- 304 stainless steel
- Engineered to be strong, yet easy to use
- Excellent cable retention
- All edges are smooth so they will not cut the installer's hands

Part #	Cable Size & Type	Qty.	Weight
12SH-3	1/2" Corrugated & Smooth Wall	10 pack	1 lb.
78SH-3	7/8" Corrugated & Smooth Wall	10 pack	1 lb.
114SH-3	1-1/4" Corrugated & Smooth Wall	10 pack	1 lb.
158SH-3	1-5/8" Corrugated & Smooth Wall	10 pack	2 lbs.
214SH-3	2-1/4" Corrugated & Smooth Wall	10 pack	2 lbs.



Stranded 10mm & 3/8" Cable Snap-In Hangers

Thes snap-in hangers are for use with Stranded 10mm & 3/8" Cable, 3/8" flex, or RG11U cables.

- Standard or stackable snap-ins with EPDM rubber insert
- Accept Stranded 10mm & 3/8" Cable, 3/8" flex, & RG11U

Part #	Snap-In	Qty.	Weight
400SH-K	Standard	10 pack	2 lbs.
400SS-A	Stackable	10 pack	2 lbs.



PIM Isolator for Snap-In Hangers

Use this isolator in PIM-sensitive areas to prevent metal-to-metal contact when using snap-in hangers.

- Reduce PIM by elimination metal-to-metal contact for snap-in hangers
- Isolator snaps between hangers and mounting surface and between stacked hangers



Part #	Qty.	Weight
SA-ISO	10 pack	1 lb.

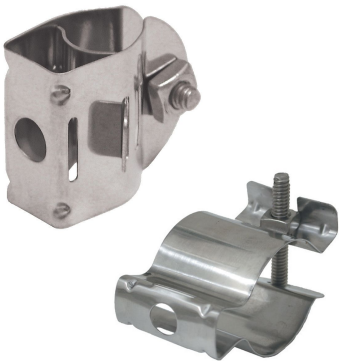


Butterfly Hangers

These versatile hangers can be mounted with 3/8" hardware to angle adapters or standoffs, or directly to tower members using banding or hose clamps.

- 304 stainless steel
- Captivated slotted SS screw and nut for tightening
- Attach with 3/8" hardware kits, banding, round member adapters, angle adapters, or standoff kits
- Fit corrugated and smooth-wall cables

Part #	Cable Size	Qty.	Weight
BUG12	3/8", 1/2", EW180, EW220, & EW240	10 pack	1 lb.
BUG78	4/8", EW85, & EW90	10 pack	1 lb.
BUG114	1-1/4"	10 pack	2 lbs.
BUG158	1-5/8"	10 pack	2 lbs.



Cable Cushions

Use these cable cushions with hybrid snap-ins to support smaller cables.

- These cable cushions fit inside hybrid snap-ins and can be used to support smaller diameter RET, DC power, grounding, and fiber optic cables
- UV stable EPDM rubber
- Color coded for easy identification
- Installs inside PIM Shield hybrid snap-ins
- Sizes available to fit 4.5 mm to 30.3 mm cables



Part #	Cable Size Range	Hanger	Qty.	Color	Weight
PSCC-1001-10	4.5 to 6.5 mm	PSHS-1319-10	10 pack	Blue	3 lbs.
PSCC-1002-10	6.6 to 8.5 mm	PSHS-1319-10	10 pack	Gray	3 lbs.
PSCC-1003-10	8.6 to 10.5 mm	PSHS-1319-10	10 pack	Black	3 lbs.
PSCC-2001-10	10.6 to 12.5 mm	PSHS-2630-10	10 pack	Orange	3 lbs.
PSCC-2002-10	12.6 to 15.5 mm	PSHS-2630-10	10 pack	Black	5 lbs.
PSCC-2003-10	15.6 to 17.5 mm	PSHS-2630-10	10 pack	Gray	4 lbs.
PSCC-4001-10	19.6 to 30.3 mm	PSHS-4852-10	10 pack	Black	14 lbs.

Universal Barrel Cushions

These universal barrel cushions adjust to a range of cable sizes.

- Designed to manage today's hybrid cables
- Universal fit holds cables tightly and reduces inventory need or fit issues
- Patented design holds the cable securely
- These rubber inserts fit inside snap-in hangers, butterfly hangers, or cable blocks for easy installation; see chart below for proper hanger size
- UV-resistant EPDM rubber is durable in extreme conditions



Part #	Cable Size Range	Hanger Size	Qty.	Weight
BCU12X	3 mm to 13 mm	1/2"	10 pack	1 lb.
BCU158M7	7 holes for 4 mm to 9 mm	1-5/8"	10 pack	2 lbs.
BCU78X	4 mm to 14 mm	7/8"	10 pack	1 lb.
BCU114X	14 mm to 25 mm	1-1/4"	10 pack	1 lb.
BCU158X	14 mm to 36 mm	1-5/8"	10 pack	2 lbs.
BCU214X	14 mm to 45 mm	2-1/4"	10 pack	3 lbs.

Heavy-Duty Barrel Cushion

Use this heavy-duty barrel cushion with a 1-5/8" hanger to support 38-mm to 40 mm cables.

- Heavy duty collar secures cushion in hanger to prevent slippage
- Designed to manage today's hybrid cable; for use with snap-in hangers or butterfly hangers
- UV-resistant EPDM rubber is durable in extreme conditions

Part #	Cable Size Range	Hanger Size	Qty.	Weight
CIN38158	38 mm to 40 mm	1-5/8"	10 pack	1 lb.



Single-Hole Barrel Cushions

Match these barrel cushions with the appropriate hanger to support small cables.

- Designed to manage today's smaller cables, fiber, etc
- These rubber inserts fit inside snap-in hangers, butterfly hangers, or cable block for easy installation; see chart below for proper hanger size
- UV-resistant EPDM rubber is durable in extreme conditions

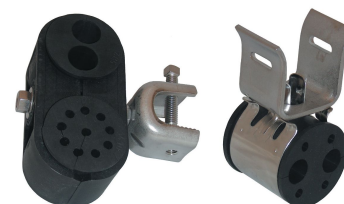


Part #	Cable Size Range	Hanger Size	Qty.	Weight
CIN1478	7 mm to 9 mm	7/8"	10 pack	1 lb.
CIN3812	10 mm to 12 mm	1/2"	10 pack	1 lb.
CIN3878	10 mm to 12 mm	7/8"	10 pack	1 lb.
CIN58114	17 mm to 20 mm	1-1/4"	10 pack	2 lbs.
CIN22114	22 mm to 25 mm	1-1/4"	10 pack	2 lbs.
CIN28114	27 mm to 29 mm	1-1/4"	10 pack	2 lbs.

Multi-Hole Barrel Cushions

Match these barrel cushions with the appropriate hanger to support small cables.

- Designed to manage today's smaller cables, fiber, etc
- These rubber inserts fit inside snap-in hangers, butterfly hangers, or cable block for easy installation; see chart below for proper hanger size
- Allow multiple runs with single attachment point
- UV-resistant EPDM rubber is durable in extreme conditions



Part #	Cable Size & Type	# of Holes	Hole Size, In (mm)	Hanger Size	Qty.	Weight
BC1410	1/4" Superflex & Stranded 6mm 1/4" Cable	10	0.24 (6)	1-5/8"	10 pack	3 lbs.
BC387	Stranded 10mm & 3/8" Cable 3/8" Flex RG11U	7	0.40 (10)	1-5/8"	10 pack	3 lbs.
BC124	1/2" Coax	4	0.63 (16)	1-5/8"	10 pack	2 lbs.
BC582	Stranded 22mm & 7/8" Cable 5/8" Coax	2	0.84 (21)	1-5/8"	10 pack	2 lbs.
BC144582	(4) 1/4" Superflex/Stranded 6mm 1/4" Cable (2) Stranded 22mm & 7/8" Cable 5/8" Coax	6	0.24 (6) 0.84 (21)	2-1/4"	10 pack	2 lbs.
BC144122	(4) 1/4" Superflex/Stranded 6mm 1/4" Cable (2) 1/2" Coax	6	0.24 (6) 0.63 (16)	1-5/8"	10 pack	3 lbs.
BC384122	(4) Stranded 10mm & 3/8" Cable 3/8" Flex RG11U (2) 1/2" Coax	6	0.40 (10) 0.63 (16)	1-5/8"	10 pack	2 lbs.
BC144384	(4) 1/4" Superflex/Stranded 6mm 1/4" Cable (4) Stranded 10mm 3/8" Cable 3/8" Flex RG11U	8	0.24 (6) 0.40 (10)	1-5/8"	10 pack	2 lbs.
BC10202158	(1) 10 mm (2) 20 mm	3	0.40 (10) 0.80 (20)	1-5/8"	10 pack	2 lbs.

Barrel Cushions for Elliptical Waveguide

Match these barrel cushions with the appropriate hanger to elliptical waveguide.

- Designed to manage elliptical waveguide
- These rubber inserts fit inside snap-in hangers, butterfly hangers, or cable block for easy installation; see chart below for proper hanger size
- UV-resistant EPDM rubber is durable in extreme conditions



Part #	Cable Size & Type	# of Holes	Hole Size	Hanger Size	Qty.	Weight
BCE902	EWP90S/EWP90/EW90	2	1.28" x 0.76"	1-5/8"	10 pack	3 lbs.
BCE631	EWP63/EW63/EWP63S/EW65/EWP64/EW63/EP70/E011	1	2" x 1.16"	2-1/4"	10 pack	3 lbs.

Cable Blocks

Cable blocks can be used to support vertical or horizontal cable runs.

- Manufactured from glass-filled polypropylene for long-term UV resistance
- Interior ribs plus increased width for superior cable retention
- Mount with 3/8" mounting hardware (sold separately)



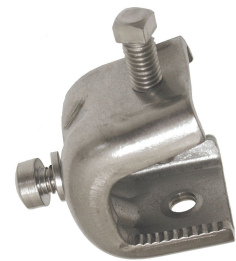
Part #	Cable Size & Type	Qty.	Weight
CXB4	Fiber Kit (4 to 6 mm)	10 pack	2 lbs.
CXB14-2	1/4" cable (8 mm)	10 pack	1 lb.
CXB38	3/8" cable & Stranded 10mm & 3/8" Cable	10 pack	1 lb.
CXB12	1/2" Corrugated	10 pack	1 lb.
CXB58	5/8" Corrugated	10 pack	1 lb.
CXB78	7/8" Corrugated	10 pack	1 lb.
CXB114	1-1/4" Corrugated	10 pack	2 lbs.
CXB158	1-5/8" Corrugated	10 pack	3 lbs.
CXB214	2-1/4" Corrugated	10 pack	4 lbs.

Stainless 3/8" Angle Adapters

Use this adapter to make connections to angle or other flat steel members.

- Heavy-duty 304 stainless steel construction
- Serrated teeth grip steel surfaces
- Hardware includes 3/8" square-head bolt and fillister screw with lock washer
- 1" opening

Part #	Qty.	Weight
ADAP	10 pack	5 lbs.



Angle Adapters for Snap-Ins

Use this adapter to make connections to angle or other flat steel members.

- Heavy-duty 304 stainless steel construction
- Stainless square-head bolt included
- Accepts up to two snap-in hangers
- 1" opening

Part #	Qty.	Weight
ADAP-O	10 pack	5 lbs.



Universal Angle Adapters

Use this adapter to make connections to angle or other flat steel members.

- Heavy-duty 304 stainless steel construction
- Stainless square-head bolts, fillister screws, and lock washers included
- Includes 10 adapter inserts that convert 3/4" snap-in holes to threaded holes for use with 3/8" hardware
- 1" opening

Part #	Qty.	Weight
ADAP-U	10 pack	5 lbs.



Galvanized 3/8" Angle Adapters

Use this adapter to make connections to angle or other flat steel members.

- Hot-dip galvanized steel construction
- Serrated teeth grip steel surfaces
- Galvanized hardware includes 3/8" square-head bolt and fillister screw with lock washer
- 1" opening



Part #	Qty.	Weight
GAP38	10 pack	5 lbs.



Universal Nylon Angle Adapter

Use this adapter in PIM-sensitive areas.

- Weather-resistant nylon material
- Includes 3/4" and 3/8" accessory mounting holes
- Torque-stop set bolt ensures proper attachment force
- Package of 10



Part #	10 pack	Weight
PAA-U	10 pack	2 lbs.



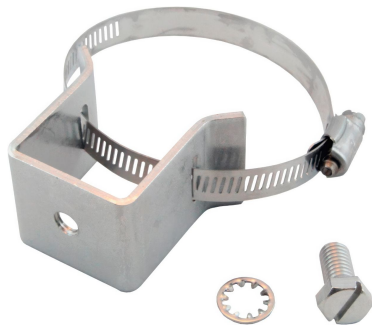
STANDOFF KITS

3/8" Tower Standoff Kits

Use these standoff kits to attach accessories to round tower members using 3/8" hardware.

- Heavy-duty 304 stainless steel construction
- Kits include SS hose clamps and 3/8" fillister screws with lock washers
- All kits stand 1" off leg

Part #	Leg Size	Qty.	Weight
STK1	3/4" - 1-1/2"	10 pack	3 lbs.
STK2	1-1/2" - 3"	10 pack	4 lbs.
STK3	3" - 4"	10 pack	4 lbs.
STK4	3" - 6"	10 pack	5 lbs.

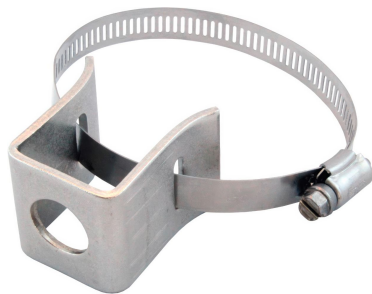


Tower Standoff Kits for Snap-Ins

Use these standoff kits to attach accessories to round tower members using snap-in hangers.

- Heavy-duty 304 stainless steel construction
- Kits include SS hose clamps
- All kits stand 1" off leg

Part #	Leg Size	Qty.	Weight
STK2-0	1-1/2" - 3"	10 pack	4 lbs.
STK3-0	3" - 4"	10 pack	5 lbs.
STK4-0	3" - 6"	10 pack	5 lbs.

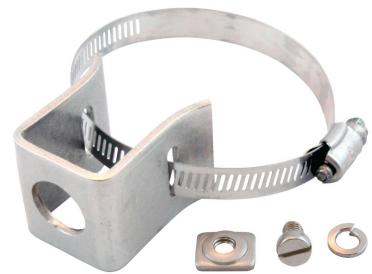


Universal Tower Standoff Kits

Use these standoff kits to attach accessories to round tower members using snap-in hangers or 3/8" hardware.

- Heavy-duty 304 stainless steel construction
- Kits include SS hose clamps and 3/8" fillister screws with lock washers and 10 adapter inserts that convert 3/4" snap-in holes to threaded holes for use with 3/8" hardware
- All kits stand 1" off leg

Part #	Leg Size	Qty.	Weight
STK2-U	1-1/2" - 3"	10 pack	4 lbs.
STK3-U	3" - 4"	10 pack	5 lbs.
STK4-U	3" - 6"	10 pack	5 lbs.



Tower Standoff Brackets

These standoff brackets can be mounted to round tower members using stainless steel banding.

- Heavy-duty 304 stainless steel construction
- Will accept up to 3/4" wide steel banding
- Useful for monopoles, water tanks, telephone poles, etc
- All brackets stand off 1"

Part #	Leg Size	Type	Qty.	Weight
SST	1-1/2" - 3"	3/8" Hardware	10 pack	2 lbs.
MST	1-1/2" - 3"	3/8" Hardware	10 pack	3 lbs.
MST-O	1-1/2" - 3"	Snap-In Hole	10 pack	3 lbs.
MST-U	1-1/2" - 3"	Universal	10 pack	4 lbs.
LST	3" and up	3/8" Hardware	10 pack	4 lbs.
LST-O	3" and up	Snap-In Hole	10 pack	3 lbs.
LST-U	3" and up	Universal	10 pack	4 lbs.



Standoff Adapters

These standoff adapters brackets can be mounted to round tower members using nylon cable ties, plastic round-member adapters, or acetal banding.

- Attach with nylon cable ties, plastic round-member adapters, or acetal banding
- PSK is for use with cable blocks
- Accept 3/8" standard nut to allow threaded rod attachment
- Hold up to three cable blocks
- Fit on round or flat members
- SA1C is for use with snap-in hangers



Part #	Description	Qty.	Weight
PSK	Plastic Standoff Adapters	10 pack	8 lbs.
SA1C	Standoff Adapters	10 pack	1 lb.



Multi-Function Snap-In Adapter 1 Position

These snap-in adapters can be mounted to angle or round tower members using low-PIM acetal straps.

- Cost efficient
- UV-stable glass-filled nylon construction
- Mounts to angle or round members using low-PIM acetal straps
- 3/4" accessory mounting hole



Part #	Description	Qty.	Weight
901044-10	PIM Shield Multi-Function Snap-In Adapter, 1 Position	10 pack	6 lbs.



Multi-Function Snap-In Adapter 2 Position

These snap-in adapters can be mounted to angle or round tower members using low-PIM acetal straps.

- Cost efficient
- UV-stable glass-filled nylon construction
- Mounts to angle or round members using low-PIM acetal straps
- Two 3/4" and on 3/8" accessory mounting holes



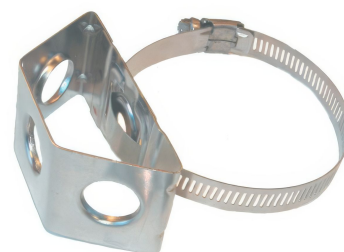
Part #	Description	Qty.	Weight
901045-10	PIM Shield Multi-Function Snap-In Adapter, 2 Position	10 pack	10 lbs.

TrapBox™ Standoff Kits for Snap-Ins

These standoff kits are used to mount cable runs to round tower members using snap-in hangers.

- 304 stainless steel trapezoid snap-in box
- For use with stackable snap-ins only
- Stand 1-1/2" off tower
- If using 1-1/4" or 1-5/8" MonoBloc stackable snap-ins, the center hole cannot be used (two runs only)
- Three 3/4" holes; maximum load is six 1-5/8" cables
- Sold in pack of 10

Part #	Leg Size	Qty.	Weight
TB1-K	3/4" - 2"	10 pack	2 lbs.
TB2-K	1-1/2" - 3"	10 pack	2 lbs.
TB3-K	3" - 4"	10 pack	2 lbs.
TB4-K	3" - 6"	10 pack	2 lbs.



TrapBox™ Universal Standoff Kits

These standoff kits are used to mount cable runs to round tower members using snap-in or 3/8" hangers.

- 304 stainless steel trapezoid snap-in box
- Includes 10 each SS hose clamps, fillister screws, and lock washers
- Includes 10 adapter inserts that convert 3/4" snap-in holes to threaded holes for use with 3/8" hardware
- If using 1-1/4" or 1-5/8" MonoBloc stackable snap-ins, the center hole cannot be used (two runs only)
- Three 3/4" holes; maximum load is six 1-5/8" cables
- Sold in pack of 10

Part #	Leg Size	Qty.	Weight
TB1-U	3/4" - 2"	10 pack	3 lbs.
TB2-U	1-1/2" - 3"	10 pack	3 lbs.
TB3-U	3" - 4"	10 pack	3 lbs.
TB4-U	3" - 6"	10 pack	3 lbs.



Stainless Steel Round Member Adapters

Use these hose clamps to make attachments to round or angle tower members.

- Marine-grade stainless steel hose clamps
- Finest quality
- Wider operating range than competing brands



Part #	Size Range	Qty.	Weight
HC1-10	1" - 2-1/4"	10 pack	1 lb.
HC2-10	1-1/2" - 3"	10 pack	1 lb.
HC3-10	2-1/2" - 4-1/2"	10 pack	1 lb.
HC4-10	3-1/2" - 5-1/2"	10 pack	1 lb.
HC5-10	2" - 6-1/2"	10 pack	1 lb.



Boots & Panels



4" Boot Assembly

These 4" boots are used to weatherproof cable runs at wall or roof penetrations.

- Boot material is unaffected by ozone, sunlight, aging, or temperature extremes; material meets ASTM-D2000 and SAE J200
- One-piece design for easy installation and superior water sealing properties
- Kit includes rubber boot and two stainless steel hose clamps
- Purchase cushion inserts separately

Part #	Qty.	Weight
B400	Each	2 lbs.



4-1/2" Boot Assembly

These 4-1/2" boots are used to weatherproof cable runs at wall or roof penetrations.

- This boot is used around 4-1/2" OD pipe or conduit, it does not fit entry panels
- Boot material is unaffected by ozone, sunlight, aging, or temperature extremes; material meets ASTM-D2000 and SAE J200
- Traditional two-piece boot design
- Kit includes rubber boot and two stainless steel hose clamps
- Purchase cushion inserts separately

Part #	Qty.	Weight
B450	Each	2 lbs.



5" Boot Assembly

These 5" boots are used to weatherproof cable runs at wall or roof penetrations.

- Boot material is unaffected by ozone, sunlight, aging, or temperature extremes; material meets ASTM-D2000 and SAE J200
- One-piece design for easy installation and superior water sealing properties
- Kit includes rubber boot and two stainless steel hose clamps
- Purchase cushion inserts separately

Part #	Qty.	Weight
B500	Each	2 lbs.



4" Boot Kits

These boot kits are used to weatherproof cable runs at wall or roof penetrations.

- Manufactured from EPDM rubber for excellent UV resistance
- One-piece design for easy installation and superior water sealing properties
- Kits include rubber boot, cushion insert, and two stainless steel hose clamps



Part #	Cable Size & Type	# of Holes	Size	Type	Weight
BA143F	1/4" Flex Coax	3	4"	Coax	2 lbs.
BA38	3/8" Coax	1	4"	Coax	2 lbs.
BA384	3/8" Coax	4	4"	Coax	2 lbs.
BA12FLX	1/2" Flex Coax	1	4"	Coax	3 lbs.
BA124FLX	1/2" Flex Coax	4	4"	Coax	2 lbs.
BA12	1/2" Foam Coax	1	4"	Coax	2 lbs.
BA122	1/2" Foam Coax	2	4"	Coax	2 lbs.
BA123	1/2" Foam Coax	3	4"	Coax	2 lbs.
BA124	1/2" Foam Coax	4	4"	Coax	2 lbs.
BA129	1/2" Foam Coax	9	4"	Coax	2 lbs.
BALR94	5/8" Coax	4	4"	Coax	2 lbs.
BA78	7/8" Coax	1	4"	Coax	2 lbs.
BA782	7/8" Coax	2	4"	Coax	2 lbs.
BA783	7/8" Coax	3	4"	Coax	2 lbs.
BA784	7/8" Coax	4	4"	Coax	2 lbs.
BA114	1-1/4" Coax	1	4"	Coax	2 lbs.
BA158	1-5/8" Coax	1	4"	Coax	2 lbs.
BA214	2-1/4" Coax	1	4"	Coax	2 lbs.
BAZERO	Blank, No Holes	0	4"	Coax	2 lbs.
BA121M	(1) 1/2" Foam Coax & (2) 7/8" Coax	3	4"	Mixed Coax	2 lbs.
BA122M	(2) 1/2" Foam Coax & (1) 7/8" Coax	3	4"	Mixed Coax	2 lbs.
BA123M	(3) 1/2" Foam Coax & (2) 7/8" Coax	5	4"	Mixed Coax	2 lbs.
BALR24	Stranded 6mm & 1/4" Cable	1	4"	Mixed Coax	2 lbs.
BALX4	Stranded 10mm & 3/8" Cable, 3/8" Flex, & RG11U	1	4"	Mixed Coax	2 lbs.
BALR42	Stranded 10mm & 3/8" Cable, 3/8" Flex, & RG11U	2	4"	Mixed Coax	2 lbs.
BALR44	Stranded 10mm & 3/8" Cable, 3/8" Flex, & RG11U	4	4"	Mixed Coax	2 lbs.
BAEW43	EW43	1	4"	Elliptical Waveguide	2 lbs.
BAEW52	EW52, EWP52, WE61	1	4"	Elliptical Waveguide	2 lbs.
BAEW63	EW63, EWP63, WE65	1	4"	Elliptical Waveguide	2 lbs.
BAEW632	EW63, EWP63, WE65	2	4"	Elliptical Waveguide	2 lbs.
BAEW77	EW77, EWP77	1	4"	Elliptical Waveguide	2 lbs.
BAEW90	EW90, EWP90	1	4"	Elliptical Waveguide	2 lbs.
BAEW903	EW90, EWP90	3	4"	Elliptical Waveguide	2 lbs.
BAEW180	EW180, EWP180, WE190, WE191	1	4"	Elliptical Waveguide	2 lbs.
BAWR75	WR75	1	4"	Rectangular Waveguide	2 lbs.
BAWR90F	WR90 Flex	1	4"	Rectangular Waveguide	2 lbs.
BAWR137	WR137	1	4"	Rectangular Waveguide	2 lbs.
BAWR137F	WR137 Flex	1	4"	Rectangular Waveguide	2 lbs.

5" Boot Kits

These boot kits are used to weatherproof cable runs at wall or roof penetrations.

- Manufactured from EPDM rubber for excellent UV resistance
- One-piece design for easy installation and superior water sealing properties
- Kits include rubber boot, cushion insert, and two stainless steel hose clamps



Part #	Cable Size & Type	# of Holes	Size	Type	Weight
BB143F	1/4" Flex Coax	3	5"	Coax	2 lbs.
BB38	3/8" Coax	1	5"	Coax	2 lbs.
BB384	3/8" Coax	4	5"	Coax	2 lbs.
BB12FLX	1/2" Flex Coax	1	5"	Coax	2 lbs.
BB124FLX	1/2" Flex Coax	4	5"	Coax	2 lbs.
BB12	1/2" Foam Coax	1	5"	Coax	2 lbs.
BB122	1/2" Foam Coax	2	5"	Coax	2 lbs.
BB123	1/2" Foam Coax	3	5"	Coax	2 lbs.
BB124	1/2" Foam Coax	4	5"	Coax	2 lbs.
BB129	1/2" Foam Coax	9	5"	Coax	2 lbs.
BBLR94	5/8" Coax	4	5"	Coax	2 lbs.
BB78	7/8" Coax	1	5"	Coax	2 lbs.
BB782	7/8" Coax	2	5"	Coax	2 lbs.
BB783	7/8" Coax	3	5"	Coax	2 lbs.
BB784	7/8" Coax	4	5"	Coax	2 lbs.
BB114	1-1/4" Coax	1	5"	Coax	2 lbs.
BB158	1-5/8" Coax	1	5"	Coax	2 lbs.
BB214	2-1/4" Coax	1	5"	Coax	2 lbs.
BBZERO	Blank, No Holes	0	5"	Coax	2 lbs.
BB121M	(1) 1/2" Foam Coax & (2) 7/8" Coax	3	5"	Mixed Coax	2 lbs.
BB122M	(2) 1/2" Foam Coax & (1) 7/8" Coax	3	5"	Mixed Coax	2 lbs.
BB123M	(3) 1/2" Foam Coax & (2) 7/8" Coax	5	5"	Mixed Coax	2 lbs.
BBLR24	Stranded 6mm & 1/4" Cable	1	5"	Mixed Coax	2 lbs.
BBLX4	Stranded 10mm & 3/8" Cable, 3/8" Flex, & RG11U	1	5"	Mixed Coax	2 lbs.
BBLR42	Stranded 10mm & 3/8" Cable, 3/8" Flex, & RG11U	2	5"	Mixed Coax	2 lbs.
BBLR44	Stranded 10mm & 3/8" Cable, 3/8" Flex, & RG11U	4	5"	Mixed Coax	2 lbs.
BBEW43	EW43	1	5"	Elliptical Waveguide	2 lbs.
BBEW52	EW52, EWP52, WE61	1	5"	Elliptical Waveguide	2 lbs.
BBEW63	EW63, EWP63, WE65	1	5"	Elliptical Waveguide	2 lbs.
BBEW632	EW63, EWP63, WE65	2	5"	Elliptical Waveguide	2 lbs.
BBEW77	EW77, EWP77	1	5"	Elliptical Waveguide	2 lbs.
BBEW772	EW77, EWP77	2	5"	Elliptical Waveguide	2 lbs.
BBEW90	EW90, EWP90	1	5"	Elliptical Waveguide	2 lbs.
BBEW903	EW90, EWP90	3	5"	Elliptical Waveguide	2 lbs.
BBEW180	EW180, EWP180, WE190, WE191	1	5"	Elliptical Waveguide	2 lbs.
BBWR75	WR75	1	5"	Rectangular Waveguide	2 lbs.
BBWR90F	WR90 Flex	1	5"	Rectangular Waveguide	2 lbs.
BBWR137	WR137	1	5"	Rectangular Waveguide	2 lbs.
BBWR137F	WR137 Flex	1	5"	Rectangular Waveguide	2 lbs.

Large Boot Kits

These boot kits are used to weatherproof cable runs at the end of conduit or pipe.

- Manufactured from EPDM rubber for excellent UV resistance
- Kit includes rubber boot and two stainless steel hose clamps
- No cushion inserts required; holes are molded into the one-piece boot jacket
- 6" and 8" boots are for use with conduit
- 6-5/8" and 8-5/8" boots are for use with pipe
- Blank boots can be used for custom hole sizes or layouts
- For smaller cable sizes use with barrel cushions
- Other sizes available, contact our sales staff



Part #	Cable Size & Type	# of Holes	Size	Weight
BE784	7/8" coax	4	6" Boots	3 lbs.
BE1143	1-1/4" coax	3	6" Boots	3 lbs.
BE1582	1-5/8" coax	1	6" Boots	3 lbs.
BEZERO	Blank, no holes	-	6" Boots	3 lbs.
BF784	7/8" coax	4	6-5/8" Boots	3 lbs.
BF1143	1-1/4" coax	3	6-5/8" Boots	3 lbs.
BF1582	1-5/8" coax	2	6-5/8" Boots	3 lbs.
BF1583	1-5/8" coax	3	6-5/8" Boots	3 lbs.
BFZERO	Blank, no holes	-	6-5/8" Boots	3 lbs.
BC1583	1-5/8" coax	3	8" Boots	3 lbs.
BC1584	1-5/8" coax	4	8" Boots	3 lbs.
BG784	7/8" coax	4	8-5/8" Boots	4 lbs.
BG1583	1-5/8" coax	3	8-5/8" Boots	4 lbs.
BG1584	1-5/8" coax	4	8-5/8" Boots	3 lbs.
BGZERO	Blank, no holes	-	8-5/8" Boots	4 lbs.

4" Aluminum Entry Panels

These entry panels are used to weatherproof cable runs at wall or roof penetrations.

- Manufactured from heavy-gauge T6 aluminum
- Tough baked-on powder coat finish
- Sealing caps and stainless steel mounting hardware included
- Consider adding hose clamps to secure the sealing caps to the entry panel

Part #	Port Size	# of Ports	Port Layout	Wall Opening	Overall Size	Weight
E220	4"	1	1 x 1	4" x 4"	7" x 7"	1 lb.
E574	4"	1	1 x 1	4" x 4"	5" x 5"	1 lb.
E1448	4"	2	1 x 2	4" x 10"	9.5" x 15.5"	2 lbs.
E1635	4"	3	1 x 3	4" x 15"	9.5" x 20"	3 lbs.
E575	4"	4	1 x 4	4" x 20.5"	9.5" x 25.5"	4 lbs.
E1199	4"	4	2 x 2	9.5" x 11"	17.5" x 17.5"	4 lbs.
E1449	4"	6	2 x 3	9.5" x 15"	17.5" x 23"	5 lbs.
E576	4"	8	2 x 4	9.5" x 20.5"	17.5" x 25.5"	6 lbs.
E2408	4"	9	3 x 3	15" x 15"	23" x 23"	7 lbs.
E1118	4"	12	3 x 4	15" x 20.5"	25.5" x 25.5"	8 lbs.
E1336	4"	12	2 x 6	9.5" x 31.5"	17.5" x 39.5"	9 lbs.
E1447	4"	16	4 x 4	20.5" x 20.5"	25.5" x 25.5"	9 lbs.
E1333	4"	18	3 x 6	15" x 31.5"	25.5" x 39.5"	13 lbs.
E1340	4"	24	4 x 6	20.5" x 31.5"	31" x 39.5"	10 lbs.



5" Aluminum Entry Panels

These entry panels are used to weatherproof cable runs at wall or roof penetrations.

- Manufactured from heavy-gauge T6 aluminum
- Tough baked-on powder coat finish
- Sealing caps and stainless steel mounting hardware included
- Consider adding hose clamps to secure the sealing caps to the entry panel

Part #	Port Size	# of Ports	Port Layout	Wall Opening	Overall Size	Weight
E549	5"	1	1 x 1	5" x 5"	9.5" x 9.5"	2 lbs.
E550	5"	2	1 x 2	5" x 12"	9.5" x 17.5"	3 lbs.
E551	5"	3	1 x 3	5" x 19"	9.5" x 25.5"	5 lbs.
E552	5"	4	2 x 2	12" x 12"	17.5" x 17.5"	4 lbs.
E553	5"	6	2 x 3	12" x 19"	17.5" x 25.5"	6 lbs.
E1191	5"	8	2 x 4	12" x 26"	17.5" x 33.5"	7 lbs.



Cushion Plugs

Cushion plugs are used to seal unused holes in cushion inserts.

- Used to fill unsealed holes

Part #	Cable	Qty.	Weight
PG12	1/2"	Each	1 lb.
PG78	7/8"	Each	1 lb.
PG114	1-1/4"	Each	1 lb.
PG158	1-5/8"	Each	1 lb.
PGEW90	EW90	Each	1 lb.



4" Tube Entry

This tube entry can be used as a cable entry port through a wall or roof.

- Used to weatherproof between the tube entry and the transmission line; for a more finished appearance; a boot can be used on the interior as well
- Kit includes threaded PVC conduit (2-3/4" ID, 3-3/8" OD), 9" aluminum retaining rings, and nuts

Part #	Max Wall Thickness	Weight
TEP20	20" (Can be Cut Down for Thinner Walls)	5 lbs.

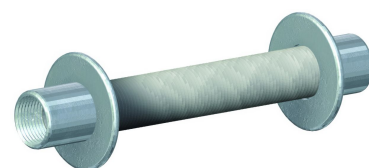


Cable/Electrical Entry

This entry provides a single port through a wall for a small transmission line or cable.

- Threaded conduit is 1-1/4" ID, 1-5/8" OD
- When combined with our ENC 12 or ENC78 cable entry connectors the entry provides a watertight installation for 1/2" or 7/8" transmission line

Part #	Max Wall Thickness	Weight
CE09	9" (Can be Cut Down for Thinner Walls)	3 lbs.

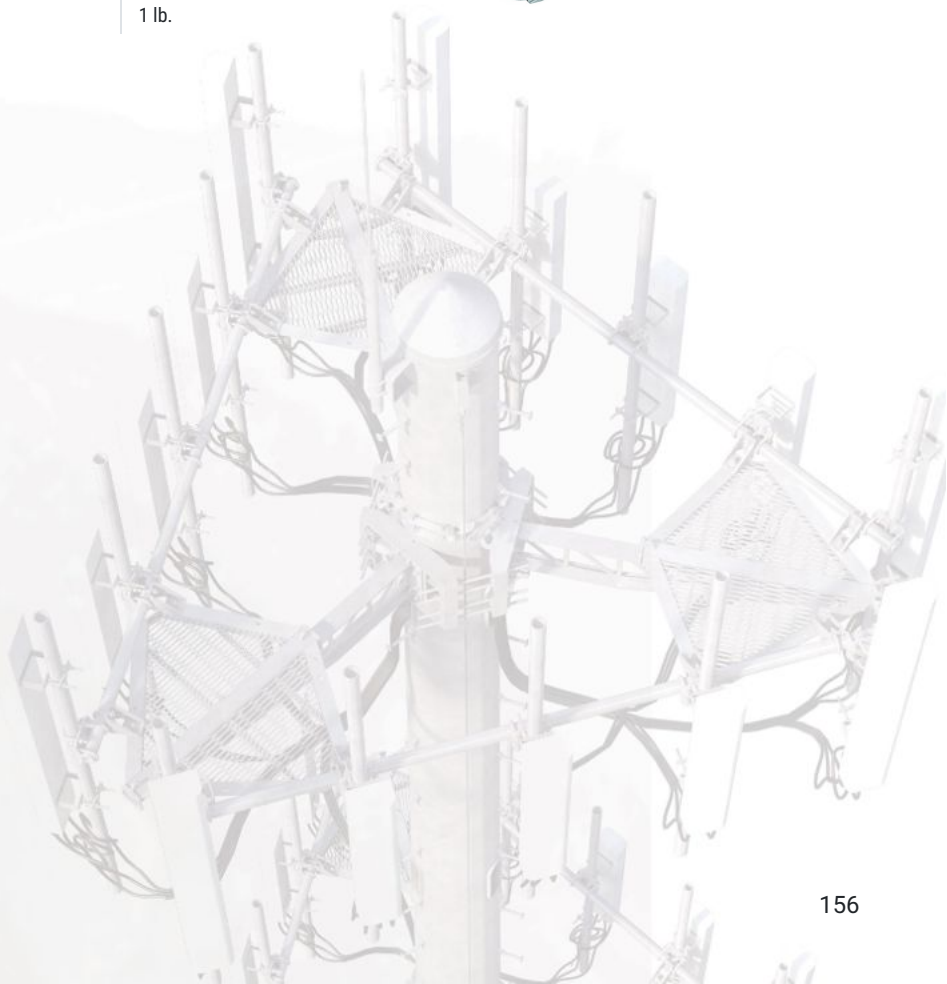


Cable Entry Connectors

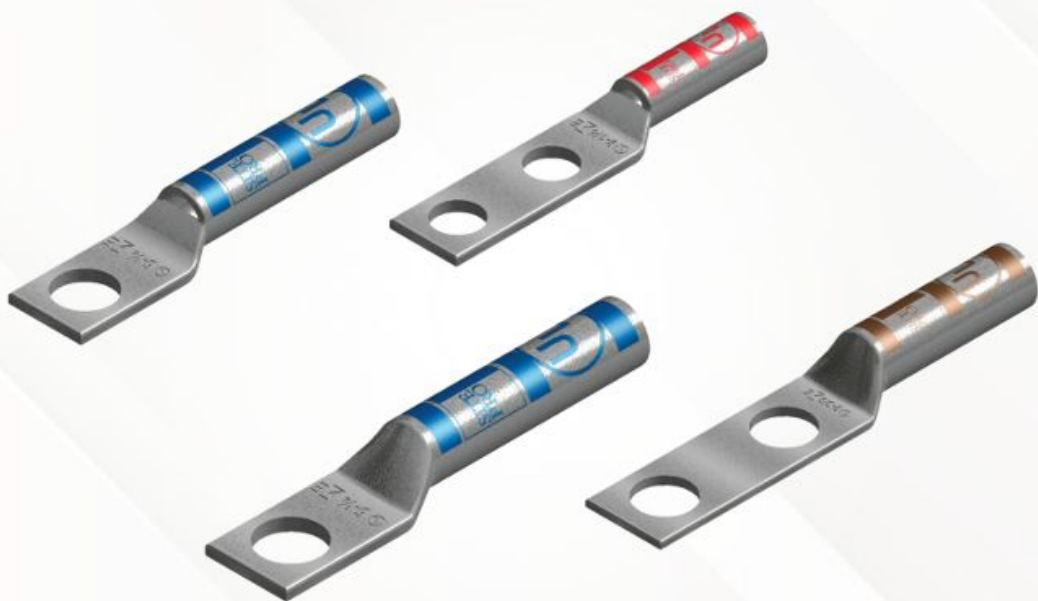
These connectors are used with the CE09 entry to seal 1/2" or 7/8" cables.

- Available for 1/2" or 7/8" transmission lines

Part #	Cable Size Range	Weight
ENC12	1/2" to 5/8"	1 lb.
ENC78	1-1/16" to 1-3/16"	1 lb.



Grounding



Clip-On Ground Kits

These easy-to-use kits are used to ground cable runs.

- Simple installation; just wrap around cable and clip bail closed
- Design ensures tight fit without any damage to the cable
- Proper pressure and contact surface area are always maintained
- Kit includes unattached universal slotted 3/8" two-hole lug, hardware, butyl, and electrical tape
- Kits comply with MIL-STD-248-124A and withstand lightning strikes in excess of 200kA

Part #	Cable Size & Type	Length	Lug	Weight
GK-C12	1/2" Corrugated	5'	Unattached	2 lbs.
GK-C78	7/8" Corrugated	5'	Unattached	2 lbs.
GK-C114	1-1/4" Corrugated	5'	Unattached	2 lbs.
GK-C158	1-5/8" Corrugated	5'	Unattached	2 lbs.



Tinned Ground Kit for Stranded 10mm & 3/8" Cable

Used to ground Stranded 10mm & 3/8" Cable or Stranded 6mm & 1/4" Cable transmission lines.

- Tinned copper ground kit assembly
- Design ensures tight fit without any damage to the cable; tighten nuts with 7/16" wrench
- Proper pressure and contact surface area are always maintained
- Kit includes unattached universal slotted 3/8" two-hole lug, hardware, butyl, and electrical tape
- Kit complies with MIL-STD-248-124A and withstand lightning strikes in excess of 200kA

Part #	Cable Size & Type	Length	Lug	Weight
EKS-400TT	Stranded 10mm & 3/8" Cable & Stranded 6mm & 1/4" Cable	3'	Unattached	2 lbs.



Universal Ground Kit

This universal kit can be used to ground transmission lines from 1/2" to 3".

- Fits cables from 1/2" to 3"; also fits elliptical waveguide EW43 to EW220
- Cut or break scored copper strap at marked location
- Kit complies with MIL-STD-248-124A and withstand lightning strikes in excess of 200kA
- Kit includes unattached universal slotted 3/8" two-hole lug, hardware, butyl, electrical tape, and brass tightening tool

Part #	Cable Size & Type	Length	Lug	Weight
UGT5	Universal, 1/2" to 3"	5'	Unattached	2 lbs.



Universal Ground Kit for Cat5 & 1/4" - 1/2" Coax

Use this kit to ground small transmission lines up to 1/2".

- Manufactured from EPDM rubber for excellent UV resistance
- Use with our 4", 4-1/2", and 5" boot assemblies
- Kit complies with MIL-STD-248-124A and withstand lightning strikes in excess of 200kA
- Kit includes unattached universal slotted 3/8" two-hole lug, hardware, butyl, and electrical tape

Part #	Cable Size & Type	Length	Lug	Weight
GKCAT5	Cat5 (0.1" - 0.60") & 1/4" - 1/2" Coax	2'	Attached	1 lb.



CRIMPING TOOLS

Ratchet Crimping Tool

Use this tool for crimping lugs for #6, #4, #2, and #2 solid wires.

- Hand ratchet crimping tool with rotating die
- Ratchet action assures a complete crimping cycle every time
- Color-coded die has four cavities; #6, #4, #2, and #2 solid
- SP1267-01 die also available separately; includes four cavities for #8, E6, #4, and #2 AWG



Part #	Description	Weight
RCT5000	Ratchet Crimping Tool	2 lbs.
SP1267-01	Die for #8, #6, #4, & #2 AWG	1 lb.

Dieless Crimping Tools

Use this tool for crimping lugs from 8 gauge to 250 MCM

- Our dieless crimping tools provide equal pressure around any brand of lug, forming a homogeneous mass of copper
- Crimps sizes from 8 gauge to 250 MCM
- Simple two-finger adjustment for cable size
- Can be used with our thin-wall C-taps



Part #	Description	Range	Weight
SPT1000	24" Dieless Crimping Tool	8 AWG to 250 MCM	6 lbs.
SPT15	15" Dieless Crimping Tool	8 AWG to 2/0	3 lbs.

Barrel Connectors

Use these barrel connectors to splice sections of ground wire.

- UL listed
- Tin-plated copper
- Long length, color coded, and seamless
- Available individually or in bucket quantities

Part #	Gauge	Color	Qty.	Weight
GL6B-B	6	Blue	250	5 lbs.
GL2B-B	6	Blue	250	15 lbs.



One-Hole Compression Lugs

These lugs are used to attach ground wires to bus bars and equipment.

- UL listed
- Available with or without inspection window
- Tin-plated copper
- Longer barrel lengths than many other brands
- Color coded
- Available individually or in bucket quantities

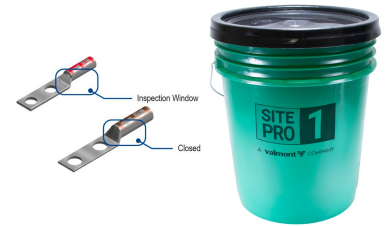
Part #	Gauge	Stud Size	Color	Type	Qty.	Weight
HL804-B	8	1/4"	Red	Inspection Window	250	15 lbs.
HL604-B	6	1/4"	Blue	Inspection Window	250	6 lbs.
GL604-B	6	1/4"	Blue	Closed	250	6 lbs.
HL606-B	6	3/8"	Blue	Inspection Window	250	7 lbs.
GL606-B	6	3/8"	Blue	Closed	250	6 lbs.
HL212-B	2	3/8"	Brown	Inspection Window	250	15 lbs.
GL212-B	2	3/8"	Brown	Closed	250	15 lbs.



Two-Hole Compression Lugs

These lugs are used to attach ground wires to bus bars and equipment.

- UL listed
- Available with or without inspection window
- Tin-plated copper
- Chamfered ends allow easy wire insertion
- Longer barrel lengths than many other brands
- Color coded
- Available individually or in bucket quantities



Part #	Gauge	Stud Size	Hole Spacing	Color	Type	Qty.	Weight
HL114-B	14-10	1/4"	5/8"	No Color	Inspection Window	250	4 lbs.
GL808-B	8	#10	5/8"	Red	Closed	250	6 lbs.
HL810-B	8	1/4"	5/8"	Red	Inspection Window	250	15 lbs.
HL610-B	6	1/4"	5/8"	Blue	Inspection Window	250	7 lbs.
GL610-B	6	1/4"	5/8"	Blue	Closed	250	7 lbs.
HL612-B	6	3/8"	5/8"	Blue	Inspection Window	250	15 lbs.
HL614-B	6	3/8"	1"	Blue	Inspection Window	250	15 lbs.
GL614-B	6	3/8"	1"	Blue	Closed	250	8 lbs.
HL208-B	2	1/4"	5/8"	Brown	Inspection Window	250	10 lbs.
HL214-B	2	3/8"	1"	Brown	Inspection Window	250	15 lbs.
GL214-B	2	3/8"	1"	Brown	Closed	250	15 lbs.
HL216-B	2 Solid	3/8"	1"	White	Inspection Window	250	15 lbs.
GL216-B	2 Solid	3/8"	1"	White	Closed	250	15 lbs.
HL2025-B	2/0	3/8"	1"	Black	Inspection Window	250	24 lbs.
HL4025-B	2/0	3/8"	1"	Purple	Inspection Window	250	24 lbs.

Universal Two-Hole Compression Lugs

These lugs are used to attach ground wires to bus bars and equipment.

- UL listed
- Available with or without inspection window
- Tin-plated copper
- Universal hole design allows 0.75" - 1.0" spacing
- Chamfered ends allow easy wire insertion
- Longer barrel lengths than many other brands
- Color coded
- Available individually or in bucket quantities



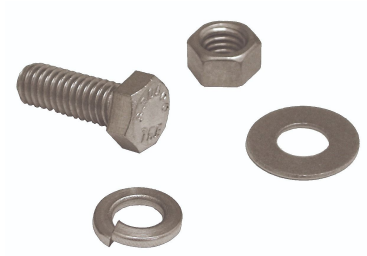
Part #	Gauge	Stud Size	Hole Spacing	Color	Type	Qty.	Weight
HLU6-B	6	3/8"	0.75" - 1"	Blue	Inspection Window	250	8 lbs.
GLU6-B	6	3/8"	0.75" - 1"	Blue	Closed	250	8 lbs.
HLU2S-B	2 Solid	3/8"	0.75" - 1"	White	Inspection Window	250	15 lbs.
GLU2S-B	2 Solid	3/8"	0.75" - 1"	White	Closed	250	9 lbs.
HLU2-B	2	3/8"	0.75" - 1"	Brown	Inspection Window	250	15 lbs.
GLU2-B	2	3/8"	0.75" - 1"	Brown	Closed	250	9 lbs.

Stainless Steel Grounding Hardware Kits

Use these kits to attach ground lugs to bus bars.

- Use to attach lugs to ground bars, etc
- Kits include 10 each bolts, lock washers, flat washers, and nuts
- BUCKETS: Add "-B" to end of part #

Part #	Bolt Size	Qty.	Weight
GHK14	1/4" x 1-1/4"	10 pack	1 lb.
GHK14-B	1/4" x 1-1/4"	50 packs	19 lbs.
GHK38	3/8" x 1-1/4"	10 pack	1 lb.
GHK38-B	3/8" x 1-1/4"	50 packs	39 lbs.

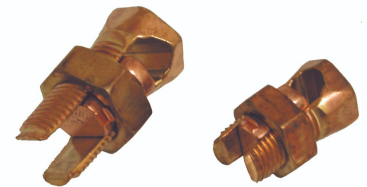


Split Bolts

These split bolts are used for making ground wire connections.

- UL listed and CSA certified
- Hard-drawn copper

Part #	Min Wire	Max Wire	Weight
S-2	6	2	1 lb.
S-20	2 Solid	2/0	1 lb.



Pipe Ground Clamps

Pipe ground clamps can be used to make ground wire connections to fence posts, ice bridge columns, etc.

- UL listed and CSA certified
- Hardware included (zinc plated steel screws)

Part #	Pipe Range	Wire Range	Weight
KP-1	1/2" - 1"	10 Solid - 2 Stranded	1 lb.
KP-2	1-1/4" - 2"	10 AWG - 2 AWG	1 lb.
KP-4	2-1/2" - 4"	10 Solid - 2 Stranded	1 lb.



Thin-Wall C-Taps

These C-Taps are used to connect parallel ground wires.

- UL listed and CSA certified
- Wire size and die index clearly marked, with ribbed design providing added strength

Part #	Run Wire	Tap Wire	Die Index	Weight
RTC4	6	6	Brown	1 lb.
RTC5	2 Solid	6	Green	1 lb.
RTC6	2 Stranded	6	Pink	1 lb.
RTC7	2 Solid	2 Solid	Black	1 lb.
RTC8	2 Stranded	2 Stranded or 2 Solid	Orange	1 lb.
RTC9	2/0	2 Solid or 6	Purple	1 lb.
RTC10	2/0	2 Stranded	Yellow	1 lb.



Heavy-Duty C-Taps

C-Taps are used to connect parallel ground wires.

- UL listed and CSA certified
- Wire size and die index clearly marked

Part #	Run Wire	Tap Wire	Die Index	Weight
HDCT1	6	6	BG or 5/8	1 lb.
HDCT2	2 Stranded or 2 Solid	6	C	1 lb.
HDCT3	2 Stranded or 2 Solid	2 Stranded or 2 Solid	C	1 lb.
HDCT4	2/0	2/0	D3	1 lb.
HDCT5	4/0	4/0	D3	1 lb.



Insulated Wire Clamps

These clamps are used to attach ground wires in an orderly fashion for neatness and safety

- Stainless steel cable clamps with EPDM rubber insulation
- Keep your ground wires neat!
- BUCKETS: Add "-B" to end of part #

Part #	Wire Size	Mounting Hole	Qty.	Weight
C2S-14	2 Solid	1/4"	Each	1 lb.
C2S-14-B	2 Solid	1/4"	500	9 lbs.
C2S-38	2 Solid	3/8"	Each	1 lb.
C2S-38-B	2 Solid	3/8"	500	12 lbs.
C2-14	2 AWG THHN or 2/0 Tinned	1/4"	Each	1 lb.
C2-14-B	2 AWG THHN or 2/0 Tinned	1/4"	500	12 lbs.
C2-38	2 AWG THHN or 2/0 Tinned	3/8"	Each	1 lb.
C2-38-B	2 AWG THHN or 2/0 Tinned	3/8"	500	11 lbs.



Ground Rods

These rods are an essential component for grounding communication sites.

- UL listed and CSA certified
- Copper-clad steel pointed ground rods

Part #	Size	Weight
GR5880	5/8" x 8'	6 lbs.
GR5800	5/8" x 10'	8 lbs.
GR3400	3/4" x 10'	12 lbs.



Chemical Ground Rod Kit

This kit can be used at sites where poor soil conditions or space limitations make traditional ground systems impractical.

- Kit includes the chemical electrode, filled with electrolytic salts, bentonite, GEM backfill, and an inspection well
- Includes factory-attached 4' pigtail (#2 solid tinned wire) facing up
- Provides an efficient earth in poor soil conditions where spacing for electrodes is limited
- L-shaped with a 32" vertical section
- Other sizes available, please inquire
- Available for special order only; inquire for availability and lead time

Part #	Description	Length	Orientation	Weight
ECRH101T4U	Chemical Ground Rod Kit	10'	Horizontal	390 lbs.



Ground Inspection Well

Ground inspection wells are used to access the grounding system for inspection and testing.

- High-density polyethylene inspection well
- Two knockouts per box (3-1/2" x 1-1/2")
- Allows for periodic testing of grounding system

Part #	Top OD x Height x Bottom OD	Weight
T416B	10" x 10-1/4" x 13"	5 lbs.



Ground Enhancement Material

This material is used to improve soil conditions at difficult-to-ground sites.

- Included in our chemical ground rod kit, we also offer it separately
- GEM is a low-resistance, non-corrosive carbon-based material that improves grounding effectiveness
- Can be installed wet or dry

Part #	Size	Weight
GEM-25A	25 lb bag	25 lbs.



Guy Wire Grounding Clamp

Use to ground strand at guy anchors

- Accepts ground wire #2 to 4/0
- For guy strand sizes 3-16" - 7/8"
- Suitable for direct burial
- UL listed #467
- 304 stainless steel hardware included
- Made of electro tin plated bronze

Part #	Description	Weight
119690	Guy Wire Grounding Clamp	1 lb.



Erico Fence Post & Gate Jumpers

These jumpers are made from super flexible welding cable.

- 24" long insulated cable
- Require B160V chain handle and indicated weld metal

Part #	Wire Guage	Cadweld Mold	Weight
FJ1T24	2 Stranded	VBC-1V-V3C	1 lb.
FJ2G245K	2/0	VBC-2G-009	1 lb.
FJ2Q245K	4/0	VBC-2Q-003	2 lbs.



Ground Wire

Multiple sizes and types of wire for all your site grounding needs.

- UL listed and CSA certified
- Due to the volatile nature of copper markets, please call for current pricing or check our website
- No returns, all sales final

Part #	Description	Spool Size	Weight
2T-100	2 AWG Green Tinned THHN	100'	25 lbs.
2T-250	2 AWG Green Tinned THHN	250'	63 lbs.
2T-500	2 AWG Green Tinned THHN	500'	126 lbs.
6G-100	6 AWG Green THHN	100'	10 lbs.
6G-250	6 AWG Green THHN	250'	25 lbs.
6G-500	6 AWG Green THHN	500'	49 lbs.
2S-100	2 Solid Tinned	100'	21 lbs.
2S-250	2 Solid Tinned	250'	50 lbs.
2S-500	2 Solid Tinned	500'	100 lbs.
2G-100	2 AWG Green THHN	100'	29 lbs.
2G-250	2 AWG Green THHN	250'	64 lbs.
2G-500	2 AWG Green THHN	500'	127 lbs.



Non-Metallic Flexible Conduit

Use this conduit to protect buried or exposed cable runs.

- Smooth inner wall for easy cable pulling
- Flexible PVC construction
- Approved for direct burial

Part #	Diameter	Length	Weight
NMC12	1/2"	100'	15 lbs.
NMC34	3/4"	100'	20 lbs.



Cable Tray Jumpers

Use these jumpers to make electrical bonds between sections of cable tray.

- 6 AWG THHN green wire, 9" long
- 2-hole lugs
- 1-4" or 3/8" stud sizes
- Weatherproof connections with shrink tube
- Mounting hardware included
- Real time savers at a great price

Part #	Lug Type	Stud Size	Hole Spacing	Weight
CT214	2 Hole	1/4"	5/8"	1 lb.
CT238	2 Hole	3/8"	1"	1 lb.



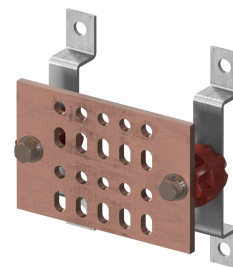
GROUND BARS

MG406U Ground Bars

Use ground bars to ground transmission lines and equipment.

- Accept 3/8" lugs
- 20 holes allow up to 10 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

Part #	Description	Weight
MG406U-K	1/4" x 4" x 6" Ground Bar with Insulators and Brackets	4 lbs.
TINMG406U-K	1/4" x 4" x 6" Tinned Ground Bar with Insulators and Brackets	3 lbs.

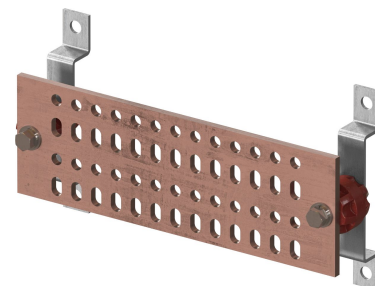


MG412U Ground Bars

Use ground bars to ground transmission lines and equipment.

- Accept 3/8" lugs
- 52 holes allow up to 26 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

Part #	Description	Weight
MG412U	1/4" x 4" x 12" Ground Bar	4 lbs.
MG412U-K	1/4" x 4" x 12" Ground Bar with Insulators and Brackets	5 lbs.
TINMG412U	1/4" x 4" x 12" Tinned Ground Bar	4 lbs.
TINMG412U-K	1/4" x 4" x 12" Tinned Ground Bar with Insulators and Brackets	5 lbs.

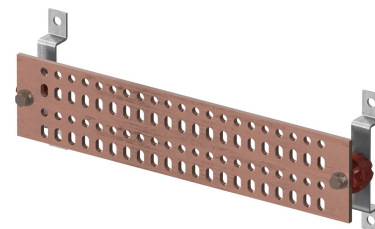


MG418U Ground Bars

Use ground bars to ground transmission lines and equipment.

- Accept 3/8" lugs
- 84 holes allow up to 42 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

Part #	Description	Weight
MG418U-K	1/4" x 4" x 18" Ground Bar with Insulators and Brackets	7 lbs.
TINMG418U-K	1/4" x 4" x 18" Tinned Ground Bar with Insulators and Brackets	6 lbs.

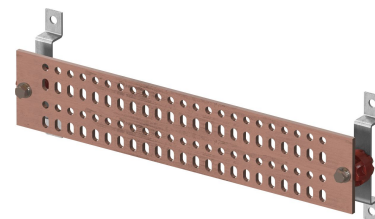


MG420U Ground Bars

Use ground bars to ground transmission lines and equipment.

- Accept 3/8" lugs
- 92 holes allow up to 46 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

Part #	Description	Weight
MG420U	1/4" x 4" x 20" Ground Bar	6 lbs.
MG420U-K	1/4" x 4" x 20" Ground Bar with Insulators and Brackets	8 lbs.
TINMG420U	1/4" x 4" x 20" Tinned Ground Bar	7 lbs.
TINMG420U-K	1/4" x 4" x 20" Tinned Ground Bar with Insulators and Brackets	8 lbs.

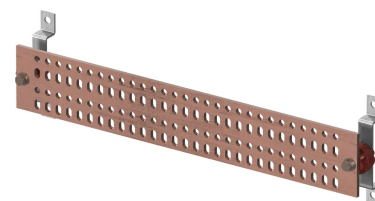


MG424U Ground Bars

Use ground bars to ground transmission lines and equipment.

- Accept 3/8" lugs
- 104 holes allow up to 52 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

Part #	Description	Weight
MG424U	1/4" x 4" x 24" Ground Bar	8 lbs.
MG424U-K	1/4" x 4" x 24" Ground Bar with Insulators and Brackets	9 lbs.
TINMG424U	1/4" x 4" x 24" Tinned Ground Bar	7 lbs.
TINMG424U-K	1/4" x 4" x 24" Tinned Ground Bar with Insulators and Brackets	8 lbs.

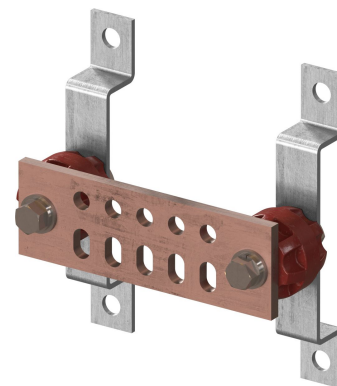


MG206U Ground Bars

Use ground bars to ground transmission lines and equipment.

- Accept 3/8" lugs
- 10 holes allow up to 5 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

Part #	Description	Weight
MG206U-K	1/4" x 2" x 6" Ground Bar with Insulators and Brackets	3 lbs.
TINMG206U-K	1/4" x 2" x 6" Tinned Ground Bar with Insulators and Brackets	2 lbs.



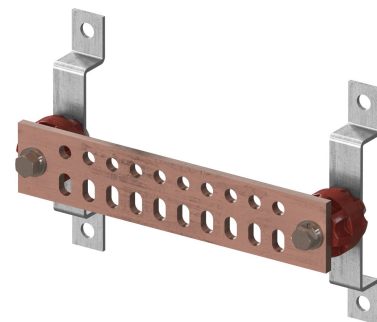
GROUND BARS

MG210U Ground Bars

Use ground bars to ground transmission lines and equipment.

- Accept 3/8" lugs
- 20 holes allow up to 10 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

Part #	Description	Weight
MG210U	1/4" x 2" x 10" Ground Bar	2 lbs.
MG210U-K	1/4" x 2" x 10" Ground Bar with Insulators and Brackets	4 lbs.
TINMG210U	1/4" x 2" x 10" Tinned Ground Bar	2 lbs.
TINMG210U-K	1/4" x 2" x 10" Tinned Ground Bar with Insulators and Brackets	3 lbs.

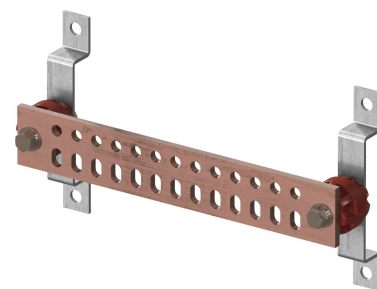


MG212U Ground Bars

Use ground bars to ground transmission lines and equipment.

- Accept 3/8" lugs
- 26 holes allow up to 13 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

Part #	Description	Weight
MG212U	1/4" x 2" x 12" Ground Bar	2 lbs.
MG212U-K	1/4" x 2" x 12" Ground Bar with Insulators and Brackets	4 lbs.
TINMG212U	1/4" x 2" x 12" Tinned Ground Bar	2 lbs.
TINMG212U-K	1/4" x 2" x 12" Tinned Ground Bar with Insulators and Brackets	3 lbs.

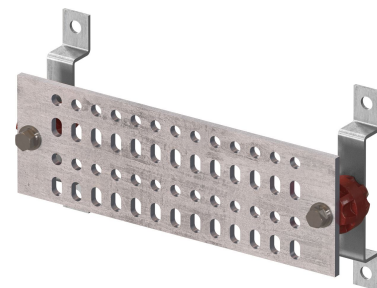


HDG412U Ground Bars

Use ground bars to ground transmission lines and equipment.

- Hot-dip galvanized steel bars deter theft
- Accepts 3/8" lugs, 52 holes for 26 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

Part #	Description	Weight
HDG412U	1/4" x 4" x 12" HDG Steel Ground Bar	3 lbs.
HDG412U-K	1/4" x 4" x 12" HDG Steel Ground Bar with Insulators and Brackets	4 lbs.

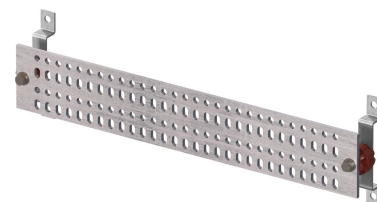


HDG424U Ground Bars

Use ground bars to ground transmission lines and equipment.

- Hot-dip galvanized steel bars deter theft
- Accepts 3/8" lugs, 116 holes for 58 runs with two-hole lugs
- Universal hole pattern accepts two-hole lugs with 3/4" to 1" hole spacing
- Kits include insulators and stainless steel mounting brackets

Part #	Description	Weight
HDG424U	1/4" x 4" x 24" HDG Steel Ground Bar	5 lbs.
HDG424U-K	1/4" x 4" x 24" HDG Steel Ground Bar with Insulators and Brackets	7 lbs.

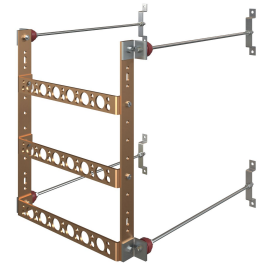


Arrestor Trapeze Kit

Use this kit to mount lightning arrestors for transmission lines.

- Central ground point for lightning arrestors, compatible with standard entry ports
- 1/4" thick solid 110 copper, height-adjustable bars, three levels for up to six arrestors per level
- Supports bulkhead or bolt-on surge arrestors, includes stainless steel mounting hardware for ceiling or wall installation

Part #	Description	Weight
ATK306U	Arrestor Trapeze Kit	22 lbs.



Ground Bar Mounting Brackets

This kit includes two stainless steel brackets for mounting ground bars to a building wall.

- Stainless steel mounting brackets are sold in pairs

Part #	Description	Qty.	Weight
MT200	Ground Bar Mounting Brackets	Kit of 2	1 lb.



Ground Bar Insulators

This kit includes two insulators for use with ground bars.

- Insulators are sold in pairs with all necessary 3/8" stainless steel hardware

Part #	Description	Qty.	Weight
INS38-K	Ground Bar Insulators	Kit of 2	1 lb.



Ground Bar Tower Mounting Kit

This kit includes angle adapters and insulators for mounting ground bars to tower members.

- Pair of insulators and stainless steel angle adapters, stainless steel hardware included

Part #	Description	Weight
MG-ADAP-K	Ground Bar Tower Mounting Kit	2 lbs.



Universal Ground Bar Mounting Kit

This universal kit includes the hardware needed to attach ground bars to tower members or to a building wall.

- Pair of insulators, stainless steel mounting brackets, and stainless steel angle adapters
- Stainless steel hardware included

Part #	Description	Weight
UGBMK	Universal Ground Bar Mounting Kit	2 lbs.

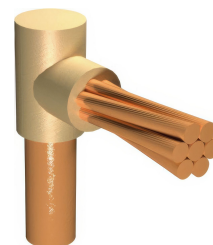


Erico Cable to Top of Ground Rod Molds

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Require L160 handle and indicated weld metal

Part #	Wire Size	Ground Rod	Weld Metal	Weight
GRC-161T	2 Solid	5/8"	#65	4 lbs.
GRC-162G	2/0	5/8"	#90	4 lbs.

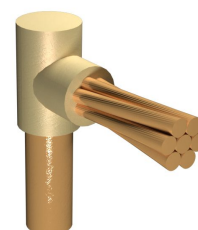


Erico Cable Through Top of Ground Rod Molds

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Require L160 handle and indicated weld metal

Part #	Wire Size	Ground Rod	Weld Metal	Weight
GTC-161T	2 Solid	5/8"	#90	4 lbs.
GTC-181T	2 Solid	3/4"	#90	4 lbs.
GTC-162G	2/0	5/8"	#115	4 lbs.
GTC-162Q	2/0	3/4"	#115	4 lbs.

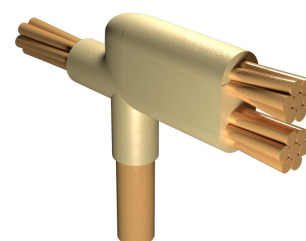


Erico Run and Tap Cables to Top of Ground Rod Molds

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Requires L160 handle and indicated weld metal

Part #	Wire Size	Ground Rod	Weld Metal	Weight
NCR-161T	Universal Ground Bar Mounting Kit	5/8"	#115	3 lbs.

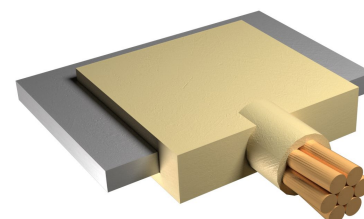


Erico Ground Wire to 1/4" Thick Bus Bar Molds

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Require L160 handle and indicated weld metal

Part #	Wire Size	Weld Metal	Weight
LJC-EG1V	2 Stranded	#65	4 lbs.
LJC-EG1T	2 Solid	#65	4 lbs.
LJC-EG2G	2/0	#90	4 lbs.
LJC-EG2Q	4/0	#90	4 lbs.



Erico Wire to Wire Splice Molds

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Require L160 handle and indicated weld metal

Part #	Wire Size	Weld Metal	Weight
SSC-1T	2 Solid	#32	3 lbs.
SSC-2G	2/0	#65	3 lbs.

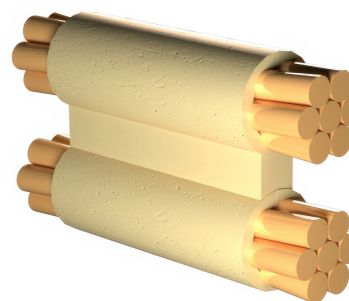


Erico Horizontal Wire Parallel Splice Molds

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Require L160 handle and indicated weld metal

Part #	Wire Size	Weld Metal	Weight
PTC-1T1V	2 Solid to 2 Stranded	#65	3 lbs.
PTC-1T1T	2 Solid to 2 Solid	#65	4 lbs.
PTC-2G1T	2/0 to 2 Solid	#90	4 lbs.
PTC-2G2G	2/0 to 2/0	#115	5 lbs.

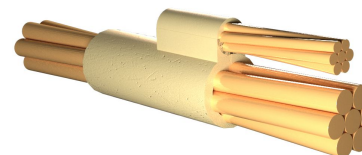


Erico Parallel Tap Molds

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Require L160 handle and indicated weld metal

Part #	Run Wire	Tap Wire	Weld Metal	Weight
PCC-1T1T	2 Solid	2 Solid	#65	4 lbs.
PCC-2G1T	2/0	2 Solid	#90	4 lbs.

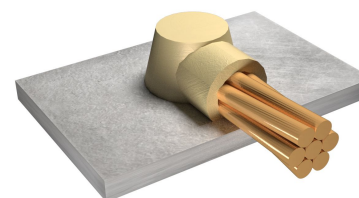


Erico Wire to Flat Plate Mold

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Horizontal wire to flat steel; wire rests on surface
- Includes handle clamp
- Requires indicated weld metal

Part #	Wire Size	Weld Metal	Weight
HAA-1T	2 Solid	#45	2 lbs.

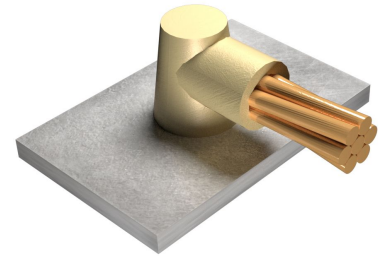


Erico Ground Wire to Flat Plate Mold

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Horizontal wire to flat steel; wire is off surface
- Requires L160 handle and indicated weld metal

Part #	Wire Size	Weld Metal	Weight
HSC-2G	2/0	#90	3 lbs.

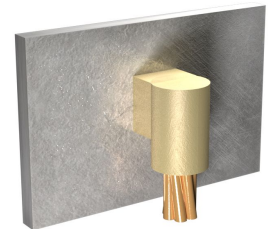


Erico Vertical Wire to Flat Steel Molds

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Cable runs straight down and off surface
- Requires L160 handle and indicated weld metal

Part #	Wire Size	Weld Metal	Weight
VBC-1T	2 Solid	#65	4 lbs.
VBC-1V	2 Stranded	#45	4 lbs.

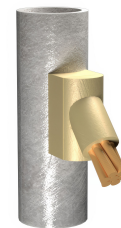


Erico Wire to Vertical Flat Steel Molds

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Cable runs down at 45° angle
- Requires L160 handle and indicated weld metal

Part #	Wire Size	Weld Metal	Weight
VSC-1T	2 Solid	#45	3 lbs.
VSC-2G	2/0 Stranded	#90	4 lbs.

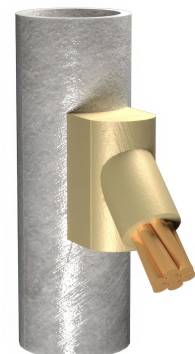


Erico Wire to Vertical Flat Steel Mold

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Cable runs straight up
- Requires L160 handle and indicated weld metal

Part #	Wire Size	Weld Metal	Weight
VFC-1T	2 Solid	#65	4 lbs.

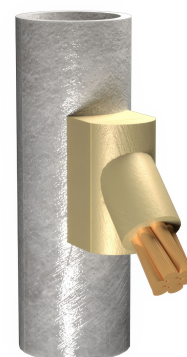


Erico Wire to Vertical Pipe Down Molds

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Cable runs down at 45° angle
- Require B160V chain handle and indicated weld metal

Part #	Wire Size	Nominal Pipe Size	Weld Metal	Weight
VSC-1V-V3C	2 Stranded	1-1/2" - 4"	#45	4 lbs.
VSC-1T-V3C	2 Solid	1-1/2" - 4"	#45	4 lbs.
VSC-1T-V5C	2 Solid	4" - 6"	#45	4 lbs.
VSC-2G-V3C	2/0	2" - 4"	#90	4 lbs.
VSC-2Q-V3C	4/0	2" - 4"	#115	4 lbs.

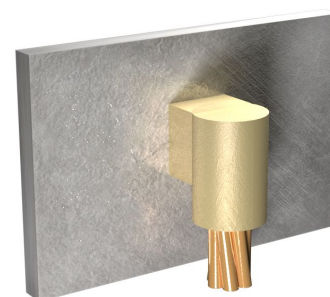


Erico Wire to Vertical Pipe Straight Down Molds

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Cable runs straight down
- Require B160V chain handle and indicated weld metal

Part #	Wire Size	Nominal Pipe Size	Weld Metal	Weight
VBC-1V-V3C	2 Stranded	2" - 4"	#65	4 lbs.
VBC-1T-V3C	2 Solid	2" - 4"	#65	4 lbs.
VBC-2G-009	2/0	1-1/4" - 3-1/2"	#90	4 lbs.
VBC-2Q-003	4/0	1-1/4" - 3-1/2"	#115	4 lbs.

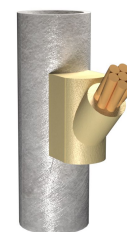


Erico Wire to Vertical Pipe Up Molds

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Require B160V chain handle and indicated weld metal

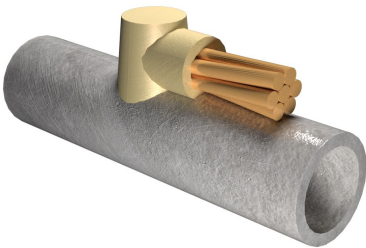
Part #	Wire Size	Wire Orientation	Nominal Pipe Size	Weld Metal	Weight
VFC-1V-V3C	2 Stranded	Straight Up	2" - 4"	#65	4 lbs.
VFC-1T-V3C	2 Solid	Straight Up	2" - 4"	#65	4 lbs.
VFC-1T002-V3C	2 Solid	Up at 45°	2" - 4"	#65	4 lbs.



Erico Horizontal Wire to Horizontal Pipe Molds

These mechanical grounding clamps are easily installed using only a hammer.

- Irreversible mechanical connection with excellent strength
- Fast and simple installation requires only a hammer
- No special training required
- Provides a visual indication of completed connection
- Allows for "T" or pass-through connections
- Verizon Approved

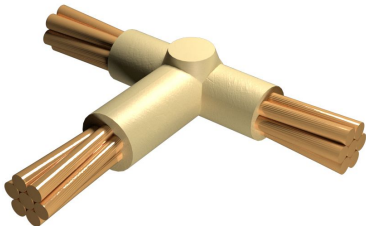


Part #	Wire Size	Nominal Pipe Size	Weld Metal	Weight
HAA-1T-162C	2 Solid	1-1/4" - 2"	#45	2 lbs.
HAA-1T-350C	2 Solid	3" - 4"	#45	2 lbs.

Erico Ground Wire T-Connection Molds

These exothermic molds provide reliable grounding connections needed for wireless sites.

- Requires L160 handle and indicated weld metal



Part #	Run Wire	Tap Wire	Weld Metal	Weight
TAC-1T1T	2 Solid	2 Solid	#45	3 lbs.
TAC-2G2G	2/0	2/0	#90	3 lbs.
TAC-2Q2Q	4/0	4/0	#150	3 lbs.

Weld Metal

Use this weld metal with the appropriate molds for making exothermic connections.

- Each weld metal tube contains the starting material at the bottom and the weld metal on top
- Sold in cases

Part #	Weld Metal #	Case Qty.	Weight
#45-CASE	#45	20	3 lbs.
#65-CASE	#65	20	4 lbs.
#90-CASE	#90	10	3 lbs.
#115-CASE	#115	10	4 lbs.



Cadweld Plus Weld Metal & Electronic Igniter

Use this weld metal with the appropriate molds for making exothermic connections.

- Consist of disposable, moisture-resistant weld metal cup; weld metal, disk, and ignition source are located inside package
- No need for disks, starting material, igniters, etc
- Reduce installation time by 20%
- Use ordinary Cadweld molds and get perfect results every time
- Using the electronic igniter, weld are made with the installer 6 feet away
- Igniter includes 8 AA batteries
- Sold in Cases
- For use with Cadweld brand molds only

Part #	Weld Metal #	Case Qty.	Weight
45PLUSF20	#45	20	4 lbs.
65PLUSF20	#65	20	4 lbs.
90PLUSF20	#90	10	3 lbs.
115PLUSF20	#115	10	4 lbs.
PLUSCU2L6	Control Unit	Each	3 lbs.
PLUSCU2RLD6	Replacement Cord	Each	1 lb.



MOLD ACCESSORIES

Handle Clamps

Handle clamps are used to secure molds when making exothermic connections. Available in both standard and chain-clamp models, they accommodate various mold and pipe applications.

- Standard handle clamp is suitable for general mold securing applications
- Chain handle clamp is designed for securing molds to vertical pipes, available with a 20" chain for pipes up to 4" in diameter.

Part #	Description	Weight			
L160	Handle Clamp	4 lbs.			
B160V	Chain Handle Clamp	Chain Clamp	Yes (20")	Up to 4" Pipe	6 lbs.
B-106-27	20" Extension Chain	Chain Extension	N/A	Optional	1 lb.



Flint Igniter & Replacement Flints

This igniter is used to start the exothermic welding process.

- Use to ignite weld metal; not required for Cadweld Plus

Part #	Description	Qty.	Weight
T320	Flint Igniter	Each	1 lb.
T320A	Replacement Flints	10 pack	1 lb.

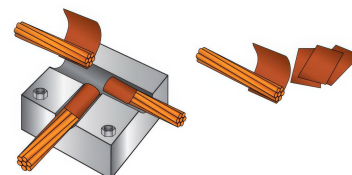


Adapter Sleeves

These adapter sleeves are used to increase the diameter of smaller cable to match mold openings.

- Adapter sleeves change #2 stranded molds to #6 stranded
- Wrap sleeves wrap around cables to match mold opening

Part #	Description	Qty.	Weight
B140A	Wrap Sleeves	50 pack	1 lb.
B112	Adapter Sleeves	25 pack	1 lb.



Weld Disk Kit

Extra disks for use in making exothermic connections.

- Included with weld metal; also available separately
- 60 pieces: 20 each of #15 - #32, #45 - #115, and #150 - #500

Part #	Description	Weight
T328D	Disk Kit	1 lb.



Mold Cleaning Brush

Use this brush to clean molds between uses.

- Useful in removing slag from molds, especially vertically split molds

Part #	Description	Weight
T394	Mold Cleaning Brush	1 lb.

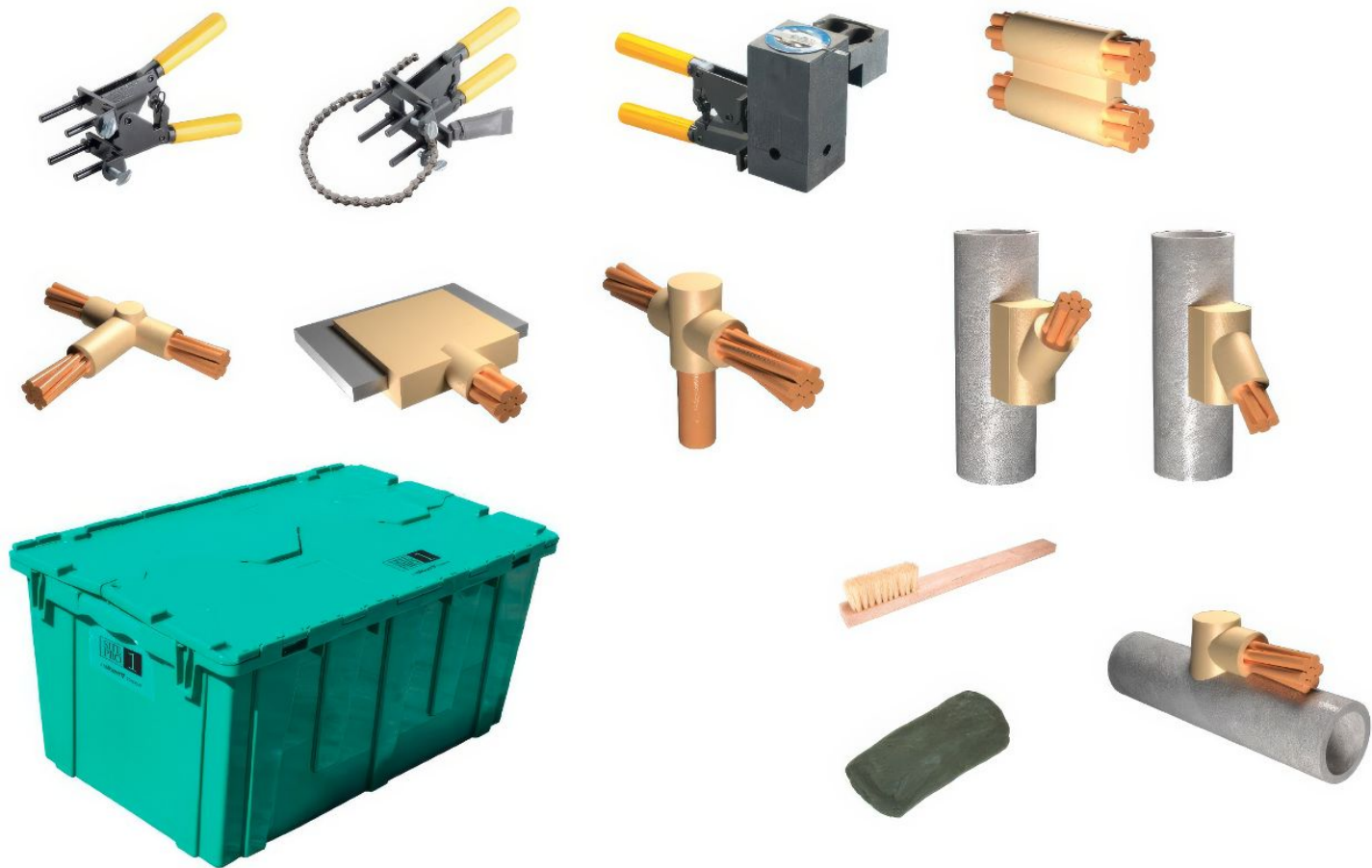


Plus-Start Exothermic Starter Kit

Use this kit to outfit your crew with the essential parts need to do exothermic grounding.

- A premium starter kit for new crews featuring Cadweld's electronic ignition system and Plus weld metal; contains all the exothermic materials typically used in wireless infrastructure construction
- PLUSCU2L6 electronic control unit
- L160 standard and B160V chain handle clamps
- One each PTC-1T1T, TAC-1T1T, LJC-EG1T, GTC-161T, VSC-1T-V3C, VFC-1T-v3c, and HAA-1T molds
- One case of 45PLUSf20, two cases of 65PLUSF20, and one case of 90PLUSF20 weld metal
- T394 mold cleaning brush
- One package of EPD1 mold sealer
- Storage bin

Part #	# of parts	Weight
PLUS-START	17	50 lbs.



EXOTHERMIC STARTER KITS

Exo-Start Exothermic Starter Kit

Use this kit to outfit your crew with the essential parts need to do exothermic grounding.

- A starter kit for new crews; contains all the exothermic materials typically used in wireless infrastructure construction
- L160 standard handle and B160V chain handle
- One each PTC-1T1T, TAC-1T1T, LJC-EG1T, GTC-161T, VSC-1T-V3C, VFC-1T-v3c, and HAA-1T molds
- One case of #45, two cases of #65, and one case of #90 weld metal
- T320 flint igniter and T394 mold cleaning brush
- One package of EPD1 mold sealer
- Storage bin

Part #	# of parts	Weight
EXO-START	17	42 lbs.



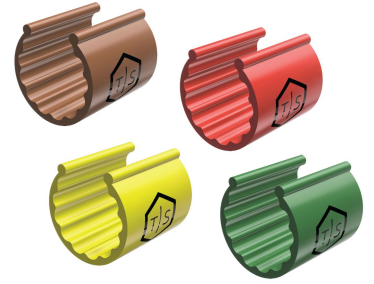
Tapes, Chemicals, Banding



TEK Clip™ Cable Identification Clips

These clips are used as an alternative to electrical tape for color-coding cable runs.

- AT&T, T-Mobile & Verizon Approved
- Eliminate need to identify cables with colored tape
- Can be installed over factory labels while leaving factory information visible
- Safe and easy to install; reusable and adjustable
- Flexible design to fit a variety of cables
- Allow for thermal expansion and contraction without loosening
- Durable design will not peel off
- Available colors: BN-Brown, BU-Blue, GN-Green, GY-Gray, OR-Orange, PK-Pink, PU-Purple, RD-Red, WT-White, YW-Yellow



Part #	Cable Size, OD (Nominal)	Color	Qty.	Weight
TEK-CP1-12-BU	1/2"	Blue	100 pack	1 lb.
TEK-CP1-14-BU	1/4"	Blue	100 pack	1 lb.
TEK-CP1-38-BU	3/8"	Blue	100 pack	1 lb.
TEK-CP1-12-BN	1/2"	Brown	100 pack	1 lb.
TEK-CP1-14-BN	1/4"	Brown	100 pack	1 lb.
TEK-CP1-38-BN	3/8"	Brown	100 pack	1 lb.
TEK-CP1-12-GY	1/2"	Gray	100 pack	1 lb.
TEK-CP1-14-GY	1/4"	Gray	100 pack	1 lb.
TEK-CP1-38-GY	3/8"	Gray	100 pack	1 lb.
TEK-CP1-12-GN	1/2"	Green	100 pack	1 lb.
TEK-CP1-14-GN	1/4"	Green	100 pack	1 lb.
TEK-CP1-38-GN	3/8"	Green	100 pack	1 lb.
TEK-CP1-12-OR	1/2"	Orange	100 pack	1 lb.
TEK-CP1-14-OR	1/4"	Orange	100 pack	1 lb.
TEK-CP1-38-OR	3/8"	Orange	100 pack	1 lb.
TEK-CP1-12-PK	1/2"	Pink	100 pack	1 lb.
TEK-CP1-14-PK	1/4"	Pink	100 pack	1 lb.
TEK-CP1-38-PK	3/8"	Pink	100 pack	1 lb.
TEK-CP1-12-PU	1/2"	Purple	100 pack	1 lb.
TEK-CP1-14-PU	1/4"	Purple	100 pack	1 lb.
TEK-CP1-38-PU	3/8"	Purple	100 pack	1 lb.
TEK-CP1-12-RD	1/2"	Red	100 pack	1 lb.
TEK-CP1-14-RD	1/4"	Red	100 pack	1 lb.
TEK-CP1-38-RD	3/8"	Red	100 pack	1 lb.
TEK-CP1-12-WT	1/2"	White	100 pack	1 lb.
TEK-CP1-14-WT	1/4"	White	100 pack	1 lb.
TEK-CP1-38-WT	3/8"	White	100 pack	1 lb.
TEK-CP1-12-YW	1/2"	Yellow	100 pack	1 lb.
TEK-CP1-14-YW	1/4"	Yellow	100 pack	1 lb.
TEK-CP1-38-YW	3/8"	Yellow	100 pack	1 lb.

Expandable ColorCodedCuff™ Markers

These cable cuffs provide a safe, easy-to-install and environmentally friendly method to identify cable.

- AT&T, T-Mobile & Verizon Approved
- Improved design fits a range of cable sizes
- Used as an alternative to electrical tape for color coding cable runs
- Will not move or slip on the cable
- Easy one-handed installation; no tools required
- Can be removed and reused
- Available colors: BLU-Blue, BRN-Brown, GRN-Green, ORG-Orange, PNK-Pink, RED-Red, SLT-Slate, VLT-Violet, WHT-White, YLW-Yellow
- Sold in packs of 25



Part #	Cable Size, OD	Color	Qty.	Weight
CCC-SM-S25-BRN	0.19" - 0.34" (4.8mm - 8.6mm)	Brown	25 Pack	1 lb.
CCC-SM-S25-WHT	0.19" - 0.34" (4.8mm - 8.6mm)	White	25 Pack	1 lb.
CCC-SM-S25-VLT	0.19" - 0.34" (4.8mm - 8.6mm)	Violet	25 Pack	1 lb.
CCC-SM-S25-SLT	0.19" - 0.34" (4.8mm - 8.6mm)	Slate	25 Pack	1 lb.
CCC-SM-S25-RED	0.19" - 0.34" (4.8mm - 8.6mm)	Red	25 Pack	1 lb.
CCC-SM-S25-PNK	0.19" - 0.34" (4.8mm - 8.6mm)	Pink	25 Pack	1 lb.
CCC-SM-S25-ORG	0.19" - 0.34" (4.8mm - 8.6mm)	Orange	25 Pack	1 lb.
CCC-SM-S25-GRN	0.19" - 0.34" (4.8mm - 8.6mm)	Green	25 Pack	1 lb.
CCC-SM-S25-BLU	0.19" - 0.34" (4.8mm - 8.6mm)	Blue	25 Pack	1 lb.
CCC-SM-S25-YLW	0.19" - 0.34" (4.8mm - 8.6mm)	Yellow	25 Pack	1 lb.
CCC-MD-S25-BRN	0.33" - 0.5" (8.3mm - 12.7mm)	Brown	25 Pack	1 lb.
CCC-MD-S25-WHT	0.33" - 0.5" (8.3mm - 12.7mm)	White	25 Pack	1 lb.
CCC-MD-S25-VLT	0.33" - 0.5" (8.3mm - 12.7mm)	Violet	25 Pack	1 lb.
CCC-MD-S25-SLT	0.33" - 0.5" (8.3mm - 12.7mm)	Slate	25 Pack	1 lb.
CCC-MD-S25-RED	0.33" - 0.5" (8.3mm - 12.7mm)	Red	25 Pack	1 lb.
CCC-MD-S25-PNK	0.33" - 0.5" (8.3mm - 12.7mm)	Pink	25 Pack	1 lb.
CCC-MD-S25-ORG	0.33" - 0.5" (8.3mm - 12.7mm)	Orange	25 Pack	1 lb.
CCC-MD-S25-GRN	0.33" - 0.5" (8.3mm - 12.7mm)	Green	25 Pack	1 lb.
CCC-MD-S25-BLU	0.33" - 0.5" (8.3mm - 12.7mm)	Blue	25 Pack	1 lb.
CCC-MD-S25-YLW	0.33" - 0.5" (8.3mm - 12.7mm)	Yellow	25 Pack	1 lb.
CCC-LG-S25-BRN	0.49" - 0.69" (12.4mm - 17.5mm)	Brown	25 Pack	1 lb.
CCC-LG-S25-WHT	0.49" - 0.69" (12.4mm - 17.5mm)	White	25 Pack	1 lb.
CCC-LG-S25-VLT	0.49" - 0.69" (12.4mm - 17.5mm)	Violet	25 Pack	1 lb.
CCC-LG-S25-SLT	0.49" - 0.69" (12.4mm - 17.5mm)	Slate	25 Pack	1 lb.
CCC-LG-S25-RED	0.49" - 0.69" (12.4mm - 17.5mm)	Red	25 Pack	1 lb.
CCC-LG-S25-PNK	0.49" - 0.69" (12.4mm - 17.5mm)	Pink	25 Pack	1 lb.
CCC-LG-S25-ORG	0.49" - 0.69" (12.4mm - 17.5mm)	Orange	25 Pack	1 lb.
CCC-LG-S25-GRN	0.49" - 0.69" (12.4mm - 17.5mm)	Green	25 Pack	1 lb.
CCC-LG-S25-BLU	0.49" - 0.69" (12.4mm - 17.5mm)	Blue	25 Pack	1 lb.
CCC-LG-S25-YLW	0.49" - 0.69" (12.4mm - 17.5mm)	Yellow	25 Pack	1 lb.

3M Temflex Electrical Tape

This economy electrical tape can be used for weatherproofing cable connections.

- Economy electrical tape
- 6 mil thickness
- UV-resistant
- Use when temperatures are above freezing
- BUCKETS: Add "-B" to end of part #

Part #	Size	Qty.	Weight
3M165	3/4" x 60' roll	Each	1 lb.



Premium Electrical Tape

This premium electrical tape can be used for weatherproofing cable connections.

- Premium grade all-weather electrical tape
- UV-resistant
- Great tape at a great price
- BUCKETS: Add "-B" to end of part #

Part #	Size	Qty.	Weight
4243	3/4" x 60' roll	Each	1 lb.
4243-B	3/4" x 60' roll	Bucket of 100	25 lbs.
4444-88	2" x 20' roll	Each	1 lb.
4444-88-B	2" x 20' roll	Bucket of 125	26 lbs.



3M Super 33+ Electrical Tape

This premium electrical tape can be used for weatherproofing cable connections.

- Premium 7 mil thick tape
- UV-resistant
- All-weather tape, conformable at -18°C/0°F

Part #	Size	Weight
3MS33	3/4" x 66' roll	1 lb.



3M Super 88 Electrical Tape

This premium electrical tape can be used for weatherproofing cable connections.

- 3M's finest
- Heavy-duty 8.5 mil tape
- All-weather tape, conformable at -18°C/0°F

Part #	Size	Weight
3MS88-1	3/4" x 66' roll	1 lb.
3MS88-2	1-1/2" x 44' roll	1 lb.
3MS88-3	2" x 108' roll	1 lb.



3M Color Code Electrical Tape

This premium electrical tape can be used for color coding cable runs

- Premium grade all-weather electrical tape
- 7 mil thickness
- Available colors: red, brown, gray, white, orange, green, violet, and pink

Part #	Qty.	Color	Size	Weight
3M35-Red	Each	Red	3/4" x 66' roll	1 lb.
3M35-Yellow	Each	Yellow	3/4" x 66' roll	1 lb.
3M35-Blue	Each	Blue	3/4" x 66' roll	1 lb.
3M35-Brown	Each	Brown	3/4" x 66' roll	1 lb.
3M35-Gray	Each	Gray	3/4" x 66' roll	1 lb.
3M35-White	Each	White	3/4" x 66' roll	1 lb.
3M35-Pink	Each	Pink	3/4" x 66' roll	1 lb.
3M35-Violet	Each	Violet	3/4" x 66' roll	1 lb.
3M35-Green	Each	Green	3/4" x 66' roll	1 lb.
3M35-Orange	Each	Orange	3/4" x 66' roll	1 lb.



3M 35 Rainbow Pack Electrical Tape

This premium electrical tape can be used for color coding cable runs

- Premium grade all-weather electrical tape
- 7 mil thickness
- Convenient ten-pack includes blue, brown, green, gray, orange, pink, red, violet, white, and yellow rolls

Part #	Size	Weight
3M35-P	Ten 3/4" x 66' rolls	2 lbs.



3M 165 Color Code Electrical Tape

This economy electrical tape can be used for color coding cable runs

- UV-resistant
- 3M's economy tape; use when temperatures are above freezing
- 3/4" x 60' rolls
- Available colors: red, yellow, blue, brown, gray, white, orange, green, and violet
- BUCKETS: Add "-B" to end of part #

Part #	Qty.	Color	Weight
3M165-Blue-10	10 Pack	Blue	23 lbs.
3M165-Blue	Each	Blue	1 lb.
3M165-Blue-B	100 Rolls (Bucket)	Blue	23 lbs.
3M165-Brown	Each	Brown	1 lb.
3M165-Brown-10	10 Pack	Brown	23 lbs.
3M165-Brown-B	100 Rolls (Bucket)	Brown	23 lbs.
3M165-Gray	Each	Gray	1 lb.
3M165-Gray-10	10 Pack	Gray	23 lbs.
3M165-Gray-B	100 Rolls (Bucket)	Gray	23 lbs.
3M165-Green	Each	Green	1 lb.
3M165-Green-10	10 Pack	Green	23 lbs.
3M165-Green-B	100 Rolls (Bucket)	Green	23 lbs.
3M165-Orange	Each	Orange	1 lb.
3M165-Orange-10	10 Pack	Orange	23 lbs.
3M165-Orange-B	100 Rolls (Bucket)	Orange	23 lbs.
3M165-Red	Each	Red	1 lb.
3M165-Red-10	10 Pack	Red	23 lbs.
3M165-Red-B	100 Rolls (Bucket)	Red	23 lbs.
3M165-Violet	Each	Violet	1 lb.
3M165-Violet-10	10 Pack	Violet	23 lbs.
3M165-Violet-B	100 Rolls (Bucket)	Violet	23 lbs.
3M165-White	Each	White	1 lb.
3M165-White-10	10 Pack	White	23 lbs.
3M165-White-B	100 Rolls (Bucket)	White	23 lbs.
3M165-Yellow	Each	Yellow	1 lb.
3M165-Yellow-10	10 Pack	Yellow	23 lbs.
3M165-Yellow-B	100 Rolls (Bucket)	Yellow	23 lbs.



Mastic Rolls

Mastic is used for weatherproofing cable connections.

- Easy to use 2-1/2" x 2' rolls
- Soft and tacky
- Superior weatherproofing characteristics
- UV-resistant

Part #	Size	Weight
M5000	2-1/2" x 2' roll	1 lb.

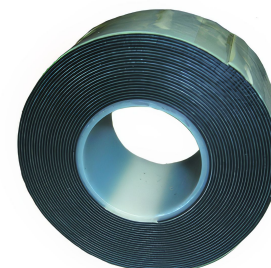


Rapid-Wrap Tape

This premium weatherproofing tape is used in place of mastic for sealing cable connections.

- Self-amalgamating tape designed to provide long-term environmental seals for feeder, jumper, and antenna connections
- Provides water-tight seal and eliminates the need for traditional mastic and butyl
- 30 mil thickness
- Adheres to itself
- UV and weather resistant

Part #	Size	Weight
SAT1515	1-1/2" x 15' roll	1 lb.



Rapid-Wrap Silicone Tape

This premium weatherproofing tape is used in place of mastic for sealing cable connections.

- Self-bonding silicone tape designed to provide long-term environmental seals for feeder, jumper, and antenna connections
- Only sticks to itself, comes off perfectly clean
- No tacky/sticky surface when being applied
- Seals by compression
- Provides water-tight seal and eliminates the need for traditional mastic and butyl
- 30 mil thickness
- UV and weather resistant

Part #	Size	Weight
SIL15	1-1/2" x 15' roll	1 lb.



Rubber Splicing Tape

This premium weatherproofing tape is used in place of mastic for sealing cable connections.

- Self-fusing tape bonds quickly to itself to form a watertight seal
- Resists UV rays, acids, alkalis, and corrosion
- Requires protective outer wrap
- 30 mil thickness
- UL listed

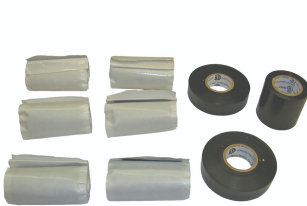
Part #	Size	Weight
RT15-22	1-1/2" x 22' roll	1 lb.
RT15-22-CASE	Case (50 rolls)	46 lbs.



Premium All-Weather Weatherproofing Kit

Premium all-weather kit for all your weatherproofing needs.

- Premium all-weather weatherproofing kit
- Six rolls of mastic (2-1/2" x 2')
- Two rolls of all-weather electrical tape (3/4" x 66')
- One roll of 2" x 20' electrical tape
- Our best value



Part #	Description	Weight
WK6S	All-Weather Weatherproofing Kit	3 lbs.

Super All-Weather Weatherproofing Kit

Premium all-weather kit for all your weatherproofing needs.

- Premium all-weather weatherproofing kit
- Five rolls of mastic (2-1/2" x 2')
- Two rolls of all-weather electrical tape (3/4" x 66')
- One roll of 2" x 20' electrical tape



Part #	Description	Weight
WK3S	All-Weather Weatherproofing Kit	3 lbs.

Standard Weatherproofing Kit

This is a scaled-down version of our premium and super weatherproofing kits.

- Premium 3M quality weatherproofing kit
- Three rolls of mastic (2-1/2" x 2')
- One roll of 1-1/2" wide Super 88 electrical tape
- Unsurpassed quality at a super price!



Part #	Description	Weight
WK1S	Standard Weatherproofing Kit	2 lbs.

Mini Weatherproofing Kit

This is a scaled-down version of our premium and super weatherproofing kits.

- Premium quality weatherproofing kit
- One roll of mastic (2-1/2" x 2')
- One roll of 2" x 20' all-weather electrical tape



Part #	Description	Weight
WK2M	Mini Weatherproofing Kit	1 lb.

3M Heat Shrink Tubing

Use for weatherproofing and electrical insulation over cable splices and terminations.

- 2:1 shrink ratio, sold in 4' lengths
- Use as a shrink-fit electrical insulation of cable splices and terminations

Part #	Color	Tube Size	Wire/Lug size	Weight
SHT14	Black	1/4" x 4'	12 AWG to 8 AWG	1 lb.
SHT38	Black	3/8" x 4'	8 AWG to 6 AWG	1 lb.
SHT12	Black	1/2" x 4'	6 AWG to 2 AWG	1 lb.
SHT34	Black	3/4" x 4'	12 AWG to 8 AWG	1 lb.
SHT14-CL	Clear	1/4" x 4'	12 AWG to 8 AWG	1 lb.
SHT38-CL	Clear	3/8" x 4'	8 AWG to 6 AWG	1 lb.
SHT12-CL	Clear	1/2" x 4'	6 AWG to 2 AWG	1 lb.
SHT34-CL	Clear	3/4" x 4'	12 AWG to 8 AWG	1 lb.



3M Cold Shrink Sealing Kits

Cold shrink kits are used to weatherproof connectors.

- Reliable seal against water
- Reduces installation time and also easily removed
- Broad application range
- Constant radial pressure helps keep connections together in wind and vibration
- For use with N or 7/16" DIN connectors

Part #	Application	Weight
CXS-1	1/4" - 7/8" Cable to 1-4/ - 7/8" Cable	1 lb.
CXS-2	1/4" - 1-5/8" Cable to 1-4/ - 1-5/8" Cable 1/4" - 1-5/8" Cable to Antenna or Surge Arrestor	1 lb.
CXS-4	1/4" - 7/8" Cable to Antenna or Surge Arrestor	1 lb.



3M Heavy-Duty Heat Shrink Tubing

Use for weatherproofing and electrical insulation over cable splices and terminations.

- 3:1 shrink ratio
- Adhesive lined

Part #	Color	Tube Size	Qty.	Weight
SHT115	Black	1-1/2" x 4'	4' Stick	1 lb.



Gamma Cold Shrink Kits

Cold shrink kits are used to weatherproof connectors.

- Meets IP68 standards against water migration
- High shrink ration allows weatherproof seal of different types of connectors regardless of shape or size without the use of additional spacers

Part #	Connector	Cable	Length	Weight
SDL-DC-152	Up to 32mm/1.26" OD (10-4.3 or similar)	As small as 10mm/0.394" OD (Superflex)	6"	1 lb.
SDL-1A-125	Up to 36mm/1.44" OD (7/16" DIN)	As small as 12mm/0.5" OD (1/2" LCF)	5"	1 lb.



SUPPLIES

9-Ply Lacing Cord

Lacing cord is used to bundle cables to keep them neat and organized.

- 100% polyester cable lacing twine
- 525' spool

Part #	Description	Weight
TWINE9-ST	9-Ply Lacing Cord, 525' Spool	1 lb.



"D" Tags

Use "D" tags to mark cable lines.

- For marking coax, fiber, and electrical lines
- Tags measure 1" x 1-3/4"
- Pack of 100 tags

Part #	Description	Weight
FIBERTAGD	Gray Fiber "D" Tags, 100/pack	1 lb.
NYLONTAGD	White Nylon "D" Tags, 100/pack	1 lb.



"Do Not Disconnect" Tags

Use to identify critical cable runs.

- Brass
- 10 pack

Part #	Description	Weight
DND-TAG	"Do Not Disconnect" Tags, 10/pack	1 lb.



Fish Paper

Use to insulate wires and cables.

- Fibroid fish paper electrical insulation
- Vulcanized cellulose fiber, 0.10 mil

Part #	Description	Weight
FP5X50	Fish Paper, No Adhesive, 5" x 50' Roll	2 lbs.
FP3-20	Fish Paper, No Adhesive, 3" x 20' Roll	1 lb.
FP4.5X50-ADH	3M Fish Paper, w/ Adhesive, 4-1/2" x 50' Roll	2 lbs.
FP10-24	Fish Paper, No Adhesive, 10" x 24' Roll	1 lb.
FP25-10-ADH	Fish Paper, w/ Adhesive, 2-1/2" x 10' Roll	1 lb.



Kopr-Shield

Prevents oxidation and corrosion on important electrical connections.

- Prevents oxidation and corrosion on bus bars and wire
- Reduces resistance
- Made from colloidal copper and inhibitors
- Not available for air or ocean shipment

Part #	Size	Weight
CP8-TB	8 oz	1 lb.



Noalox

Prevents oxidation and corrosion on important electrical connections.

- Seals out air and moisture to prevent corrosion and formation of oxide film on connections
- Not available for air or ocean shipment



Part #	Size	Weight
DOX4	4 oz	1 lb.
DOX8	8 oz	1 lb.



NO-OX Heavy-Duty Rust Preventative and Lubricant

Provides lubrication and prevents corrosion.

- Long-term solution for lubrication and corrosion control
- Requires minimal surface preparation
- Contains metal wetting agents and rust inhibitors in a petroleum wax base
- Semi-transparent non-drying film retains its properties indefinitely
- 8 oz can with application brush



Part #	Description	Weight
NO-OX-ID-80Z	NO-OX 8 oz can	1 lb.



GE Silicone Sealant

Silicone sealant has a variety of waterproofing uses.

- Clear silicone construction sealant
- Ideal for waterproofing and sealing
- Extra-long nozzle

Part #	Size	Weight
SCS1000	10.1 oz	2 lbs.



Duct Seal

Use for sealing entry panels.

- Used for sealing entry panels
- Excellent adhesion
- Can be painted
- Unlimited shelf life

Part #	Size	Weight
EPD1	1.1	2 lbs.



Rubber Sealer

Black silicone rubber sealant is used to seal cable boots.

- Black silicone rubber construction sealant
- Ideal for waterproofing and sealing boots
- 3 oz tube with nozzle

Part #	Size	Weight
SCS30	3 oz	1 lb.



Torque Seal

Anti-sabotage inspector's lacquer provides visual indication of tampering.

- Anti-sabotage inspector's lacquer
- Brittle-drying seal will crack if tampered with
- Fluorescent orange

Part #	Size	Weight
TQS-0	1 oz	1 lb.



ZRC Cold Galvanizing Spray (95% Zinc)

Use to field-repair damage to galvanized surfaces.

- 12 oz aerosol can; 95% zinc metal in battleship gray flat finish
- Equivalent to hot-dip galvanizing
- Meets federal specifications DOD-P21035A and MIL-P26915A
- Meets VOC standards in all 50 states
- Not available for air or ocean shipment



Part #	Size	Weight
ZRC-10000	12 oz can	1 lb.

ZRC Galviline Galvanizing Repair Spray (95% Zinc)

Use to field-repair damage to galvanized surfaces.

- 12 oz aerosol can; 95% zinc metal in bright silver finish that blends with new hot-dip galvanizing
- Meets galvanizing repair specifications ASTM-A780, SSPC-Paint 20, and DOD-P21035A
- Meets VOC standards in all 50 states
- Not available for air or ocean shipment



Part #	Size	Weight
ZRC-20010	12 oz can	1 lb.

ZRC Cold Galvanizing Compound (95% Zinc)

Use to field-repair damage to galvanized surfaces.

- Available in 1 quart and 1 gallon cans; 95% zinc metal in battleship gray flat finish
- Equivalent to hot-dip galvanizing
- Meets federal specifications DOD-P21035A and MIL-P26915A
- Meets VOC standards in all 50 states
- Not available for air or ocean shipment

Part #	Size	Weight
ZRC-10002	1 quart can	7 lbs.
ZRC-10003	1 gallon can	26 lbs.



COLD GALVANIZING

ZRC Galvilit Galvanizing Repair Compound (95% Zinc)

Use to field-repair damage to galvanized surfaces.

- Available in 1 quart and 1 gallon cans; 95% zinc metal in bright silver finish that blends with new hot-dip galvanizing
- Meets galvanizing repair specifications ASTM-A780, SSPC-Paint 20, and DOD-P21035A
- Meets VOC standards in all 50 states
- Not available for air or ocean shipment

Part #	Size	Weight
ZRC-20012	1 quart can	7 lbs.
ZRC-20013	1 gallon can	40 lbs.



Brite Zinc Spray (69% Zinc)

Use to field-repair damage to galvanized surfaces.

- Brite Zinc Aerosol can
- 12.5 oz can covers up to 40 square feet
- One-step color matches the shiny look of hot-dip galvanizing
- Special no-clog nozzle
- Meets ASTM-A780 for corrosion protection
- Not available for air or ocean shipment



Part #	Size	Weight
BZ12	12.5 oz can	2 lbs.



First Zinc Aerosol Spray Can (95% Zinc)

Use to field-repair damage to galvanized surfaces.

- 12.5 oz aerosol can
- Traditional flat gray color
- Meets or exceeds requirements of ASTM-A780, DOD-P21035B, MIL-P46105, MIL-P26915B, and SSPC PS-12, PS-20, PS-22, PS-29, and PS30
- Not available for air or ocean shipment



Part #	Size	Weight
FZ13	12.5 oz can	2 lbs.



Brite Zinc Gallon Can (69% Zinc)

Use to field-repair damage to galvanized surfaces.

- One gallon can covers 570 square feet
- One-step color matches the shiny look of hot-dip galvanizing
- Meets ASTM-A780 for corrosion protection
- Not available for air or ocean shipment

Part #	Size	Weight
BZGALLON	1 gallon can	14 lbs.



First Zinc Gallon Can (95% Zinc)

Use to field-repair damage to galvanized surfaces.

- One gallon can covers 570 square feet
- Traditional flat gray color
- Meets or exceeds requirements of ASTM-A780, DOD-P21035B, MIL-P46105, MIL-P26915B, and SSPC PS-12, PS-20, PS-22, PS-29, and PS30
- Not available for air or ocean shipment

Part #	Size	Weight
FZCAN	1 gallon can	22 lbs.



Self-Grip Strapping

This reusable self-gripping strap bundles wires and cables, keeping your site neat and organized.

- Wraps around anything and sticks to itself for fast and easy bundling
- Hook on one side, loop on the other



Part #	Size	Weight
SGS12X75	1/2" x 75' Roll	1 lb.
SGS34x15	3/4" x 15' Roll	1 lb.
SGS34x75	3/4" x 75' Roll	1 lb.
SGS01x15	1" x 15' Roll	1 lb.
SGS01x75	1" x 75' Roll	1 lb.



Hook & Loop Cable Ties

Use this reusable self-gripping strap to bundle wires and cables, keeping your site neat and organized.

- Industrial grade pre-cut straps
- Hook on one side, loop on the other
- Attaches to itself for fast and easy bundling



Part #	Size	Package Qty.	Weight
HLCT12X8	1/2" x 8'	100	1 lb.



Nylon Cable Ties

Use to bundle wires and cables to keep your site neat and organized.

- UV-resistant black 6.6 nylon cable ties
- Available in standard and heavy-duty versions



Part #	Length	Width	Tensile Strength	Max Bundle Diameter	Package Qty.	Weight
CT8	7.5"	0.18"	50 lb	1-3/4"	100	1 lb.
CT11	11"	0.18"	50 lb	3"	100	1 lb.
CT15	14.5"	0.18"	50 lb	4"	100	1 lb.
CT15HD	15.2"	0.3"	120 lb	4-1/4"	100	2 lbs.
CT18HD	18.25"	0.3"	120 lb	5"	50	2 lbs.
CT24HD	24"	0.34"	175 lb	6-1/2"	50	2 lbs.



Cable Tie Wall Mount Bracket

Use to bundle wires and cables to keep your site neat and organized.

- Mount with #12 screws (not included)
- Made from natural-colored nylon



Part #	Description	Dimensions	Weight
PP2S-S12-C	Nylon Wall Mount Bracket	3/4" W 4-1/2" L	1 lb.



Plastic Round Member Adapters

Use to bundle wires and cables to keep your site neat and organized.

- Non-conductive and non-corrosive
- 1/2" (13mm) band
- Nylon 66 screw



Part #	Size Range	Qty.	Weight
PHC2-10	2" - 3"	10 pack	1 lb.
PHC3-10	3" - 4"	10 pack	1 lb.
PHC4-10	4" - 5"	10 pack	1 lb.



Acetal Cable Tie

PIM-friendly strapping for communication cables.

- Perfect for coaxial, fiber optic, and other communication and electrical cables
- 1/2" wide weather-resistant acetal banding
- 250 lb tensile strength



Part #	Description	Weight
TWR50	Acetal Cable Tie, 50' Reel	1 lb.
TWLH25	Acetal Cable Buckles, 25 pack	1 lb.



Tie Wraps

PIM-friendly strapping for communication cables.

- Acetal heavy-duty cable ties
- 1/2" width
- UV-resistant
- 400 lb loop tensile strength
- Use with acetal installation tool



Part #	Description	Qty.	Weight
900443-16-50	16" Acetal Tie Wrap	50 pack	1 lb.
900443-27-25	27" Acetal Tie Wrap	25 pack	1 lb.



PIM Shield® Button

These buttons are a low-PIM method to secure RF, fiber, power and RET cables in high risk PIM zones.

- Inserts into support bars that are 0.118-inch to 0.169-inch thick with 0.71-inch to 0.76-inch diameter holes (sold separately)
- IM3 <-100 dBm when tested in accordance with IEC 62037-8, near field test, 2x 20W test tones, while subjected to dynamic stimulus
- UV stable, glass filled Nylon
- 40 °C to +70 °C operating temperature



Part #	Description	Color	Qty	Weight
901738-S-50	Bundle of PIM Shield® Buttons & 16" Acetal Tie Wraps	Black	50 pack	5 lbs.

Banding Installation Tool

Use to provide proper tension for acetal banding connections.

- Tensioning/cutting tool for acetal cable ties
- Works with ties up to 1/2" wide



Part #	Description	Weight
900442	Acetal Banding Installation Tool	1 lb.



Stainless Steel Banding

Stainless banding has a myriad of uses for making attachments to large-diameter poles or tower members.

- Stainless steel banding with fully-rounded smooth edges for safety and ease of installation
- Stamped foot markers
- 100' rolls in dispenser totes or cartons
- 0.03" thick

Part #	Size	Dispenser	Weight
BA204	1/2" x 100'	Carton	6 lbs.
BA206	3/4" x 100'	Carton	8 lbs.
TOTE-BA204	1/2" x 100'	Tote	6 lbs.
TOTE-BA206	3/4" x 100'	Tote	8 lbs.



Carton & Tote Versions Shown

Stainless Banding Buckles

Stainless banding has a myriad of uses for making attachments to large-diameter poles or tower members.

- The unique teeth and ears provide maximum clamping force
- Sold in convenient 25 packs
- Stainless steel construction

Part #	Size	Qty.	Weight
BU254-25	1/2"	25 pack	1 lb.
BU256-25	3/4"	25 pack	1 lb.



Heavy-Duty Banding Tool

Use to provide proper tension for stainless steel banding connections.

- Able to tighten banding up to 2,400 lb
- Built-in cutter
- Spring-loaded gripper lever
- Blue epoxy finish

Part #	Description	Weight
T001	Heavy-Duty Banding Tool	5 lbs.



Concealment



Antenna Socks

These products conceal antennas on mono-pine, mono-palm, mono-elm, and mono-eucalyptus towers.

- Available in various lengths and widths (covers antenna plus depth, times two).
- Includes attachment ties; palm "shadow" socks made of UV-resistant mesh.
- UV-resistant and built for prolonged outdoor exposure.

Part #	Type	Density	Length	Width	Weight
72ELM-SWSF	Elm	Standard	6'	3'	5 lbs.
72ELM-SWHF	Elm	Heavy	6'	3'	7 lbs.
72ELM-XWSF	Elm	Standard	6'	4'	6 lbs.
72ELM-XWHF	Elm	Heavy	6'	4'	8 lbs.
96ELM-SWSF	Elm	Standard	8'	3'	6 lbs.
96ELM-SWHF	Elm	Heavy	8'	3'	8 lbs.
96ELM-XWSF	Elm	Standard	8'	4'	7 lbs.
96ELM-XWHF	Elm	Heavy	8'	4'	9 lbs.
72EUC-SWSF	Eucalyptus	Standard	6'	3'	5 lbs.
72EUC-SWHF	Eucalyptus	Heavy	6'	3'	7 lbs.
72EUC-XWSF	Eucalyptus	Standard	6'	4'	6 lbs.
72EUC-XWHF	Eucalyptus	Heavy	6'	4'	8 lbs.
96EUC-SWSF	Eucalyptus	Standard	8'	3'	6 lbs.
96EUC-SWHF	Eucalyptus	Heavy	8'	3'	8 lbs.
96EUC-XWSF	Eucalyptus	Standard	8'	4'	7 lbs.
96EUC-XWHF	Eucalyptus	Heavy	8'	4'	7 lbs.
72PIN-SWSF	Pine	Standard	6'	3'	6 lbs.
72PIN-SWHF	Pine	Heavy	6'	3'	8 lbs.
72PIN-XWSF	Pine	Standard	6'	4'	7 lbs.
72PIN-XWHF	Pine	Heavy	6'	4'	9 lbs.
96PIN-SWSF	Pine	Standard	8'	3'	7 lbs.
96PIN-SWHF	Pine	Heavy	8'	3'	9 lbs.
96PIN-XWSF	Pine	Standard	8'	4'	8 lbs.
96PIN-XWHF	Pine	Heavy	8'	4'	10 lbs.
72DP-SW	Palm	Shadow	6'	3'	2 lbs.
96DP-SW	Palm	Shadow	8'	3'	3 lbs.



Eucalyptus, Pine, Elm, & Shadow Socks Shown

RRU Socks

These products conceal radios while allowing airflow to prevent overheating.

- Includes mounting frame, attachment ties, and antenna pipe clamps.
- UV-resistant for extended outdoor durability.

Part #	Type	Density	Length	Weight
72PIN-SF	Pine	Standard	6'	19 lbs.
72PIN-XF	Pine	Heavy	6'	21 lbs.
72EUC-SF	Eucalyptus	Standard	6'	18 lbs.
72EUC-XF	Eucalyptus	Heavy	6'	20 lbs.
72ELM-SF	Elm	Standard	6'	18 lbs.
72ELM-XF	Elm	Heavy	6'	20 lbs.



Elm/Broadleaf Antenna Concealment Branch

These broadleaf-style branches provide natural antenna concealment and attach securely to standard pipes with included mounting hardware.

- Broadleaf-style Elm foliage for natural concealment
- Includes (2) band clamps and (2) self-tapping screws
- Compatible with 2" antenna pipe (pipe not included)
- Secure mounting with easy installation



Part #	Foliage Type	Branch Style	Weight
LCAB-FANELM	Elm	Fan	7 lbs.
LCAB-MEDEL	Elm	Medium	9 lbs.
LCAB-LNGELM	Elm	Long	12 lbs.
LCAB-TIPELM	Elm	Tip	5 lbs.

Elm Concealment Branch

These concealment branches with Elm foliage provide natural-looking antenna concealment. Available in standard, top, and crossarm styles, they fit over compatible pipes or stubs and include installation hardware.

- Elm foliage for realistic concealment
- Available in standard, top, and crossarm designs
- Fits over 1-1/4" OD pipe/stub (not included)
- Includes (2) 1/4" x 3-1/2" bolts, nylock nuts, and washer sets



Part #	Foliage Type	Length	Type	Weight
LCAB-XRM24ELM	Elm	2'	Crossarm	4 lbs.
LCSB-G348ELM	Elm	4'	Standard	13 lbs.
LCSB-G372ELM	Elm	6'	Standard	21 lbs.
LCSB-G372ELM	Elm	8'	Standard	27 lbs.
LCSB-G3120ELM	Elm	10'	Standard	35 lbs.
LCTB-G360ELM	Elm	5'	Top	13 lbs.

Elm Tethered Concealment Branch

These concealment branches with Elm foliage provide natural-looking antenna concealment, offering flexibility with a secure, natural appearance.

- Elm foliage for realistic concealment
- Tethered design for enhanced flexibility
- Available in standard and top configurations
- Fits over 1-1/4" OD pipe/stub (not included)
- Includes (2) 1/4" x 3-1/2" bolts, nylock nuts, and washer sets



Part #	Foliage Type	Length	Type	Weight
LCSB-TG348ELM	Elm	4'	Standard	10 lbs.
LCSB-TG372ELM	Elm	6'	Standard	21 lbs.
LCSB-TG396ELM	Elm	8'	Standard	27 lbs.
LCSB-TG3120ELM	Elm	10'	Standard	35 lbs.
LCTB-TG360ELM	Elm	5'	Top	13 lbs.

Reduces PIM. Boosts Performance. Disappears Into the Landscape.

Larson[™]
Concealment

Introducing the Larson PIM Tree[™]—the world's first PIM-friendly concealment tree solution. Engineered for seamless integration and superior RF performance, its simple, reliable monopole design can easily help meet jurisdictional requirements.



PIM Pine[™]



PIM Euc[™]



PIM Elm[™]



PIM Palm[™]



PIM Shield® Technology: Game-Changing Performance

Traditional concealment materials can introduce unwanted passive intermodulation (PIM), degrading network performance. Larson PIM Trees[™] utilize RF-transparent materials with PIM Shield® technology to significantly reduce interference, ensuring superior performance.



Unshielded Testing

Frequency Tested: 1900 MHz LSB
Peak PIM: -76.5 dBm
Result: High level of interference.



With PIM Shield® Technology

Frequency Tested: 1900 MHz LSB
Peak PIM: -107.0 dBm
Result: Dramatically reduced interference.



PIM-Friendly Technology

Built with RF-transparent materials, our trees minimize interference and ensure clear, reliable communication through IEC 62037-8 Radiated PIM testing.



Superior Performance

Eliminating metal-on-metal contact, Larson PIM Trees[™] reduce PIM, ensuring stronger signals and minimal loss in both lab and field-tested conditions.

Learn more at ValmontTelecom.com

Eucalyptus Concealment Branch

These concealment branches mimic Eucalyptus foliage for natural-looking antenna concealment. Available in standard, top, and crossarm styles, they mount securely on compatible pipes or stubs with included hardware.

- Eucalyptus foliage for natural concealment
- Available in standard, top, and crossarm configurations
- Fits over 1-1/4" OD pipe/stub (not included)
- Includes (2) 1/4" x 3-1/2" bolts, nylock nuts, and washer sets



Part #	Foliage Type	Length	Type	Weight
LCAB-XRM24EUC	Eucalyptus	2'	Crossarm	4 lbs.
LCSB-G348EUC	Eucalyptus	4'	Standard	10 lbs.
LCSB-G372EUC	Eucalyptus	6'	Standard	21 lbs.
LCSB-G396EUC	Eucalyptus	8'	Standard	27 lbs.
LCSB-G3120EUC	Eucalyptus	10'	Standard	35 lbs.
LCTB-G360EUC	Eucalyptus	5'	Top	13 lbs.



Eucalyptus Antenna Concealment Branch

These concealment branches mimic Eucalyptus foliage for natural-looking antenna concealment. Available in fan, medium, long, tip, and crossarm styles, they attach easily and securely to compatible pipes or stubs with included hardware.

- Eucalyptus foliage for realistic concealment
- Mounts to 2" antenna pipe (not included) for fan, medium, long, and tip styles
- Crossarm style fits over 1-1/4" OD pipe/stub (not included)
- Includes mounting hardware for secure installation



Part #	Foliage Type	Length	Type	Weight
LCAB-FANEUC	Eucalyptus	N/A	Fan	7 lbs.
LCAB-MEDEUC	Eucalyptus	N/A	Medium	9 lbs.
LCAB-LNGEUC	Eucalyptus	N/A	Long	12 lbs.
LCAB-TIPEUC	Eucalyptus	N/A	Tip	5 lbs.



Eucalyptus Tethered Concealment Branch

These concealment branches mimic Eucalyptus foliage for effective antenna concealment. The tethered design temporarily restrains the branch if damaged. Available in standard and top styles, they mount over a compatible pipe or stub with included hardware.

- Eucalyptus foliage for realistic concealment
- Tethered design for added safety
- Fits over 1-1/4" OD pipe/stub (not included)
- Includes (2) 1/4" x 3-1/2" bolts, nylock nuts, and washer sets



Part #	Foliage Type	Length	Type	Weight
LCSB-TG348EUC	Eucalyptus	4'	Standard	10 lbs.
LCSB-TG372EUC	Eucalyptus	6'	Standard	21 lbs.
LCSB-TG396EUC	Eucalyptus	8'	Standard	27 lbs.
LCSB-TG3120EUC	Eucalyptus	10'	Standard	35 lbs.
LCTB-TG360EUC	Eucalyptus	5'	Top	13 lbs.



Pine Antenna Concealment Branch

These concealment branches mimic Pine foliage for effective antenna concealment. Available in fan, medium, long, and tip styles, they attach securely to compatible antenna pipes with included hardware.

- Pine foliage for realistic concealment
- Mounts securely to 2" antenna pipe (not included)
- Includes (2) band clamps and (2) self-tapping screws



Part #	Foliage Type	Type	Weight
LCAB-FANPIN	Pine	Fan	7 lbs.
LCAB-MEDPIN	Pine	Medium	9 lbs.
LCAB-LNGPIN	Pine	Long	12 lbs.
LCAB-TIPPIN	Pine	Tip	5 lbs.



Mono-Pine Concealment Branch

These concealment branches mimic Pine foliage for effective antenna concealment. Available in standard, top, and crossarm styles, they mount securely on compatible pipes or stubs with included hardware.

- Pine foliage for realistic concealment
- Fits over 1-1/4" OD pipe/stub (not included)
- Includes (2) 1/4" x 3-1/2" bolts, nylock nuts, and washer sets



Part #	Foliage Type	Length	Type	Weight
LCAB-XRM24PIN	Pine	2'	Crossarm	4 lbs.
LCSB-G348PIN	Pine	4'	Standard	10 lbs.
LCSB-G372PIN	Pine	6'	Standard	21 lbs.
LCSB-G396PIN	Pine	8'	Standard	27 lbs.
LCSB-G3120PIN	Pine	10'	Standard	35 lbs.
LCTB-G360PIN	Pine	5'	Top	13 lbs.



Mono-Pine Tethered Concealment Branch

These concealment branches mimic Pine foliage for effective antenna concealment. The tethered design temporarily restrains the branch if damaged. Available in standard and top styles, they mount over a compatible pipe or stub with included hardware.

- Pine foliage for realistic concealment
- Tethered design for added safety
- Fits over 1-1/4" OD pipe/stub (not included)
- Includes (2) 1/4" x 3-1/2" bolts, nylock nuts, and washer sets



Part #	Foliage Type	Length	Type	Weight
LCSB-TG348PIN	Pine	4'	Standard	10 lbs.
LCSB-TG372PIN	Pine	6'	Standard	21 lbs.
LCSB-TG396PIN	Pine	8'	Standard	27 lbs.
LCSB-TG3120PIN	Pine	10'	Standard	35 lbs.
LCTB-TG360PIN	Pine	5'	Top	13 lbs.



Sustainable Concealment. Superior Performance.

Introducing EnviroFlex™ Screenwall – designed for seamless concealment, lasting durability, and superior wireless performance.



Sustainable, Eco-Friendly Materials

Made from upcycled materials and produced in the USA with zero-waste manufacturing, the EnviroFlex™ Screenwall is eco-friendly, durable, and designed for long-lasting performance with minimal maintenance.



Seamless Architectural Integration

The EnviroFlex™ Screenwall is designed to blend perfectly into diverse architectural spaces, rendering wireless infrastructure virtually invisible while meeting municipal requirements.



Flexible Customization Options

Available in a wide range of molded shapes, finishes, textures, and colors, the EnviroFlex™ Screenwall can be tailored to match any architectural design, ensuring a seamless integration with surrounding structures.



Superior RF Performance

The EnviroFlex™ Screenwall is not only visually discreet but also designed to minimize signal interference, ensuring reliable wireless performance across multiple frequency bands.

Learn more at ValmontTelecom.com

Palm Concealment Date Frond

These concealment fronds mimic Date Palm foliage for effective antenna concealment. Designed for secure mounting, they fit into a compatible HSS square receiver and include all necessary hardware

- Date Palm foliage for realistic concealment
- Fits into 1-1/4" OD HSS square receiver (not included)
- Includes 5/16" x 2-1/2" zinc-plated attachment bolt, washer, and nylock nut



Part #	Foliage Type	Length	Weight
LCDF-REG07	Palm	7'	7 lbs.
LCDF-REG09	Palm	9'	12 lbs.
LCDF-REG10	Palm	10'	14 lbs.



Palm Concealment Tethered Date Frond

These concealment fronds mimic Date Palm foliage for effective antenna concealment. The tethered design enhances durability and stability while allowing natural movement. Available in single and double tethered configurations, they fit into a compatible HSS square receiver with included hardware.

- Date Palm foliage for realistic concealment
- Tethered design for enhanced durability and stability
- Fits into 1-1/4" OD HSS square receiver (not included)
- Includes 5/16" x 2-1/2" hitch pin with wire clip



Part #	Foliage Type	Length	Type	Weight
LCDF-ST07	Palm	7'	Single Tethered	7 lbs.
LCDF-ST09	Palm	9'	Single Tethered	12 lbs.
LCDF-ST10	Palm	10'	Single Tethered	14 lbs.
LCDF-DT07	Palm	7'	Double Tethered	7 lbs.
LCDF-DT09	Palm	9'	Double Tethered	12 lbs.
LCDF-DT10	Palm	10'	Double Tethered	14 lbs.



Porcu-Palm Mount

These Porcu-Palm Mounts securely hold date palm fronds for effective antenna concealment. Made from galvanized steel for durability, each mount includes multiple 1-1/4" OD HSS square receivers for frond attachment.

- Galvanized steel construction for durability
- Accommodates up to 66, 81, or 99 date palm fronds (not included)
- Integrated 1-1/4" OD HSS square receivers for secure frond attachment
- Compatible with MMxx, SV197-xx, and DSMx standoffs/support arms (not included)



Part #	Mount Height	Frond Capacity	Weight
LCPM-PPM30-66	30"	66	603 lbs.
LCPM-PPM36-81	36"	81	728 lbs.
LCPM-PPM60-99	60"	99	808 lbs.



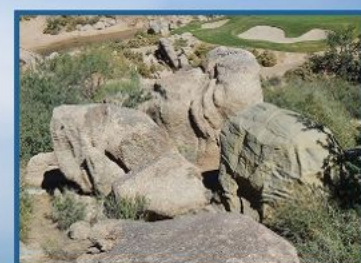
Date Palm Band Clamp Kits

These Date Palm Band Clamp Kits provide a complete solution for concealment of antennas, including both the band clamp and 10' double-tether date palm fronds. Designed for secure pole attachment, each kit features multiple 1-1/4" OD HSS square receivers to hold fronds at a 34" or 49" clearance from the pole. The included fronds and mounting hardware ensure quick and efficient installation.

- Complete kit includes band clamp and 10' double-tether date palm fronds
- Designed for concealment of antennas on various pole sizes
- Available with 34" or 49" clearance from pole to frond receivers
- 1-1/4" OD HSS square receivers securely hold date palm fronds
- Accommodates pole diameters from 14" to 28"
- Includes 3/4" all-thread, nuts, washers, and frond attachment hardware



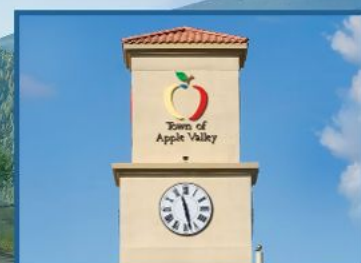
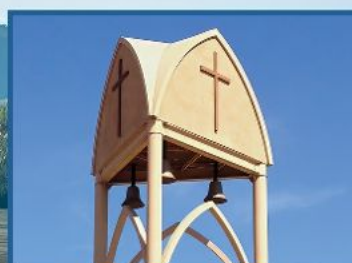
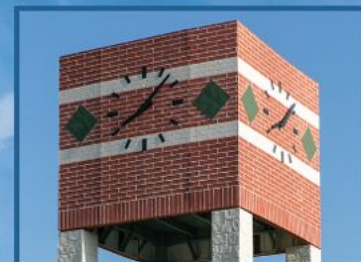
Part #	Pole Clearance	Frond Capacity	Pole Diameter Range	Weight
0634DP-1417-18	34"	18	14" - 17"	237 lbs.
0634DP-1721-18	34"	18	17" - 21"	246 lbs.
0634DP-2124-18	34"	18	21" - 24"	255 lbs.
0634DP-2428-18	34"	18	24" - 28"	264 lbs.
0649DP-1417-27	49"	27	14" - 17"	267 lbs.
0649DP-1721-27	49"	27	17" - 21"	279 lbs.
0649DP-2124-27	49"	27	21" - 24"	285 lbs.
0649DP-2428-27	49"	27	24" - 28"	294 lbs.



Natural Concealment Solutions

Valmont® Telecom offers a complete line of creative concealment solutions to help your communication structures blend in with the surrounding natural environment. Our Larson™ solutions are custom-engineered to meet your technical requirements on the inside, while on the outside, they can appear to be a tree, cactus, or anything else you can imagine.

Learn more at ValmontTelecom.com



Architectural Concealment Solutions

Valmont® Telecom offers a complete line of creative concealment solutions to help your communication structures blend in with the surrounding architectural environment. Our Larson™ solutions are custom-engineered to meet your technical requirements on the inside, while on the outside, they can appear to be anything else you can imagine.

Learn more at ValmontTelecom.com

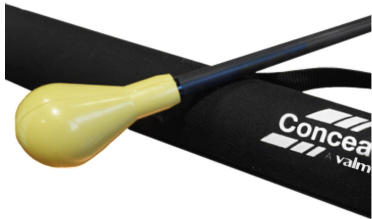
PIM Mitigation



PIM Test Probe

The PIM test probe is designed for precise detection of external PIM sources in the field. Used with test and measurement equipment, it helps identify interference locations, allowing for the application of PIM mitigation materials. Built for durability, the probe offers reliable near-field signal variation performance and meets IEC 62037-8 testing standards.

- Detects external PIM sources for field testing applications
- Operates across a 600 MHz to 4000 MHz frequency range
- Helps identify external PIM sources for mitigation
- Provides < -90 dBm IM3 performance under IEC 62037-8 testing
- Rotational stability with <5 dB variation in signal reception
- Features a durable ABS tip, epoxy shaft, and TuffGrip® handle

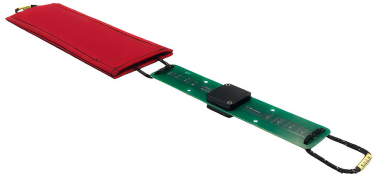


Part #	Frequency Range	IM3 Performance	Signal Variation	RF Connector	Dimensions	Weight
007320-01	600 MHz – 4000 MHz	< -90 dBm	<5 dB (90° rotation)	N (female)	35" length, 1.9" tip diameter	5 lbs.

PIM Source Assembly

The PIM Source Assembly is a diode-based external PIM source optimized for 700 MHz band testing. It features an integrated shielded pouch to suppress PIM when not in use, ensuring accurate test conditions. Designed for IEC 62037-8 near field testing, this assembly provides reliable PIM detection and performance evaluation.

- Diode-based external PIM source for 700 MHz testing
- Integrated PIM Blanket shielded pouch to suppress interference
- Provides > -50 dBm IM3 when exposed and < -100 dBm IM3 when inside the pouch
- Constructed with FR4 PCB, Germanium diode, and ABS plastic covers
- Meets IEC 62037-8 near field test standards



Part #	Frequency Range	IM3 (Exposed)	IM3 (Shielded Pouch)	Dimensions	Weight
900643	698 – 788 MHz	> -50 dBm	< -100 dBm	12" x 4" x 0.75"	1 lb.

Connector Cleaning Tools

These Connector Cleaning Tools are designed for precise cleaning of RF connectors, ensuring reliable performance by removing contaminants. Compatible with 7-16 and 4.3-10 series RF connectors, they are intended for use with alcohol wipes for effective debris removal.

- Designed for cleaning 7-16 and 4.3-10 series RF connectors
- Compatible with alcohol wipes for optimal cleaning performance
- Helps maintain low PIM and signal integrity
- Available in packs of 10 and 100 for different usage needs



Part #	Compatible Connector Types	Qty.	Weight
900644-10	7-16, 4.3-10 RF Connectors	10	1 lb.
900644-100	7-16, 4.3-10 RF Connectors	100	5 lbs.

PIM Foil

These PIM Foil products provide a lightweight, temporary RF barrier to help isolate passive intermodulation (PIM) sources. Designed for use on rooftops, they offer >30 dB PIM reduction and are ideal for validating interference sources before applying permanent mitigation solutions. A soft case is available for storage and transport.

- Lightweight RF barrier for temporary PIM mitigation
- Reduces PIM by >30 dB when placed over external interference sources
- Available in 18-inch and 36-inch wide rolls
- Soft case option for easy transport and storage
- Meets IEC 62037-8 far field testing standards



Part #	Description	Width	Length	Weight
900964-18-100	Standard Foil Roll	18"	100'	5 lbs.
900964-36-100	Standard Foil Roll	36"	100'	9 lbs.
900964-KIT-101	Foil with Soft Case	3x 36", 2x 18"	100'	43 lbs.
901067	Soft Case for Foil	N/A	N/A	7 lbs.

PIM Blankets

These PIM Blankets serve as temporary RF barriers to isolate passive intermodulation (PIM) sources on rooftops or near base station antennas. When properly placed, they reduce PIM by over 30 dB, allowing for effective interference mitigation. Constructed with low PIM metal foil and a durable vinyl outer layer, they include integrated tie-down loops for secure placement.

- Temporary RF barrier for isolating PIM sources
- Constructed with low PIM metal foil and heavy-duty vinyl
- Includes integrated tie-down loops for secure placement
- Meets IEC 62037-8 far field testing standards



Part #	Length	Width	Loops	Corners	Weight
007640-120060	120 in	60 in	6	Rounded	16 lbs.
007640-030030	30 in	30 in	4	Rounded	3 lbs.
007640-060060	60 in	60 in	4	Rounded	8 lbs.
007640-060030	60 in	30 in	4	Rounded	5 lbs.

PIM Side Blankets

The Side PIM Blanket is a temporary RF barrier used to block radiation at ± 90 degrees from boresight on base station panel antennas. It helps in determining the direction of external PIM sources and is typically used with ConcealFab's PIM Absorber Kits. Built with low PIM metal foil and heavy-duty vinyl, it includes nylon webbing tie-down loops for secure mounting.

- Blocks RF radiation $\pm 90^\circ$ from boresight for PIM source identification
- Works with ConcealFab PIM Absorber Kits (901124, 901125, 901162)
- Reduces PIM by >100 dBm when tested per IEC 62037-8
- Constructed with low PIM metal foil



Part #	Length	Width	Tie-Down Loops	Weight
007640-240008	240"	8"	2	5 lbs.

PIM Blanket Kits

These PIM Blanket Kits provide temporary RF shielding to isolate passive intermodulation (PIM) sources on rooftops and near base station antennas. Each kit includes a rugged transit case to protect the blankets and simplify transportation. Available in small and large case configurations, these kits ensure effective PIM mitigation for different deployment needs.

- Complete kits with PIM blankets and a rugged transit case
- Designed for temporary RF shielding to isolate PIM sources
- Includes multiple blanket sizes for various deployment needs
- Available in small and large case configurations
- Ideal for rooftop and base station installations



Part #	Included Blankets	Transit Case Size	Weight
007640-KIT-101	2x 120x60, 2x 60x60, 2x 60x30, 2x 30x30	Small	76 lbs.
007640-KIT-102	3x 120x60, 2x 60x60	Small	80 lbs.
007640-KIT-103	4x 120x60	Small	80 lbs.
007640-KIT-104	8x 60x60	Small	80 lbs.
007640-KIT-201	4x 120x60, 4x 60x60, 4x 60x30, 4x 30x30	Large	142 lbs.
007640-KIT-202	6x 120x60, 3x 60x60	Large	140 lbs.
007640-KIT-203	5x 120x60, 5x 60x60	Large	134 lbs.

PIM Absorber Kits

These PIM Absorber Kits are designed to suppress passive intermodulation (PIM) by minimizing unwanted RF reflections near base station antennas. The front absorber kit attaches to the antenna face, while the back absorber kits help determine the direction of external PIM sources. Each kit includes RF absorber panels and mounting accessories for secure installation.

- Suppresses forward radiation and minimizes PIM reflections
- Works with front and back base station antenna installations
- Absorber panels included for enhanced RF attenuation
- Integrated tie-down loops and clips for secure mounting
- Meets IEC 62037-8 PIM testing standards



Part #	Description	Included Components	Weight
901728	PIM Absorber Front Blanket Kit, Large Antennas	1x PIM blanket, 4x RF absorber panels (24"x24"x4"), 1x pole attach strap, 4x bungee straps	29 lbs.
901125	PIM Absorber Kit, Back, 2-IN	3x RF absorber panels (24"x24"x2"), 2x RF absorber panels (12"x24"x2")	17 lbs.
901162	PIM Absorber Kit, Back, 1-IN	3x RF absorber panels (24"x24"x1"), 2x RF absorber panels (12"x24"x1")	14 lbs.
901230	Absorber Kit Soft Case	28"x28"x13" main compartment, front pouch for bungee straps	7 lbs.
901728-BUNDLE	For Large Antennas, Includes 1x 901728 Absorber Kit (Front), 1x 901162 Absorber Kit (Back, 1-inch), and 2x 901230 Absorber Kit Soft Case	901728 Front Kit, 901162 Back Kit (1"), 2x 901230 Soft Cases	55 lbs.

PIM Shield® Tape

PIM Shield® Tape is a permanent RF barrier that bonds to a variety of surfaces, including metals, roofing materials, concrete, brick, and wood. Designed for PIM mitigation, it features a low PIM metal foil core and high-tack synthetic resin adhesive for strong adhesion, even on irregular surfaces.

- Low PIM metal foil core with UV-stable TPO protective layer
- >10 dB RF attenuation (600 MHz to 2700 MHz)
- Silicone release liner for easy application



Part #	Roll Width	Roll Length	Color	Weight
008587-12-25-B	12 in	25 ft.	Black	15 lbs.
008587-12-25-W	12 in	25 ft.	White	15 lbs.
008587-06-25-B	6 in	25 ft.	Black	8 lbs.
008587-06-25-W	6 in	25 ft.	White	8 lbs.

PIM Shield® Roofing

PIM Shield® Roofing is a multi-ply SBS-modified bitumen roof membrane designed to provide RF shielding for buildings supporting mobile communications infrastructure. Featuring a built-in PIM Shield® layer, it creates a water-tight RF barrier to mitigate passive intermodulation (PIM) interference while ensuring long-term roof durability.

- PIM Shield® layer reduces PIM interference on rooftops
- Multi-ply SBS-modified bitumen construction for durability
- Ceramic-coated granules for UV protection and reflectivity
- >10 dB RF attenuation (300 MHz – 2700 MHz)
- Compatible with hot and cold-applied installation methods



Part #	Description	Granules	Roll Dimensions	Weight
DL180FRPIM	DynaLastic 180 FR PIM, 10 m x 1 m roll	S	32'10" x 39 3/8"	101 lbs.
DL180FRCRGPIM	DynaLastic 180 FR CR G PIM, 10 m x 1 m roll	HR	32'10" x 39 3/8"	96 lbs.

PIM Shield® Mitigation Paint

PIM Shield® Mitigation Paint is a conductive acrylic polymer designed to reduce passive intermodulation (PIM) interference on large, flat surfaces. It provides high RF attenuation, is UV stable, and features enhanced elasticity for long-term durability. Water-based and non-flammable, it is suitable for indoor and outdoor applications but should not be applied directly to antenna mounting structures.

- Available in our PIM Shield® Product Guide
- Conductive acrylic polymer designed for PIM mitigation
- Reduces PIM by >47 dB with two coats
- Provides 17 dB RF shielding (1-10 GHz) with two coats
- Water-based, non-flammable, and UV stable
- Compatible with exterior acrylic latex topcoats



Part #	Size	Qty. Per Case	Weight
901087-1-PKG	1 Gallon	1	11 lbs.
901087-5	5 Gallon	1	55 lbs.

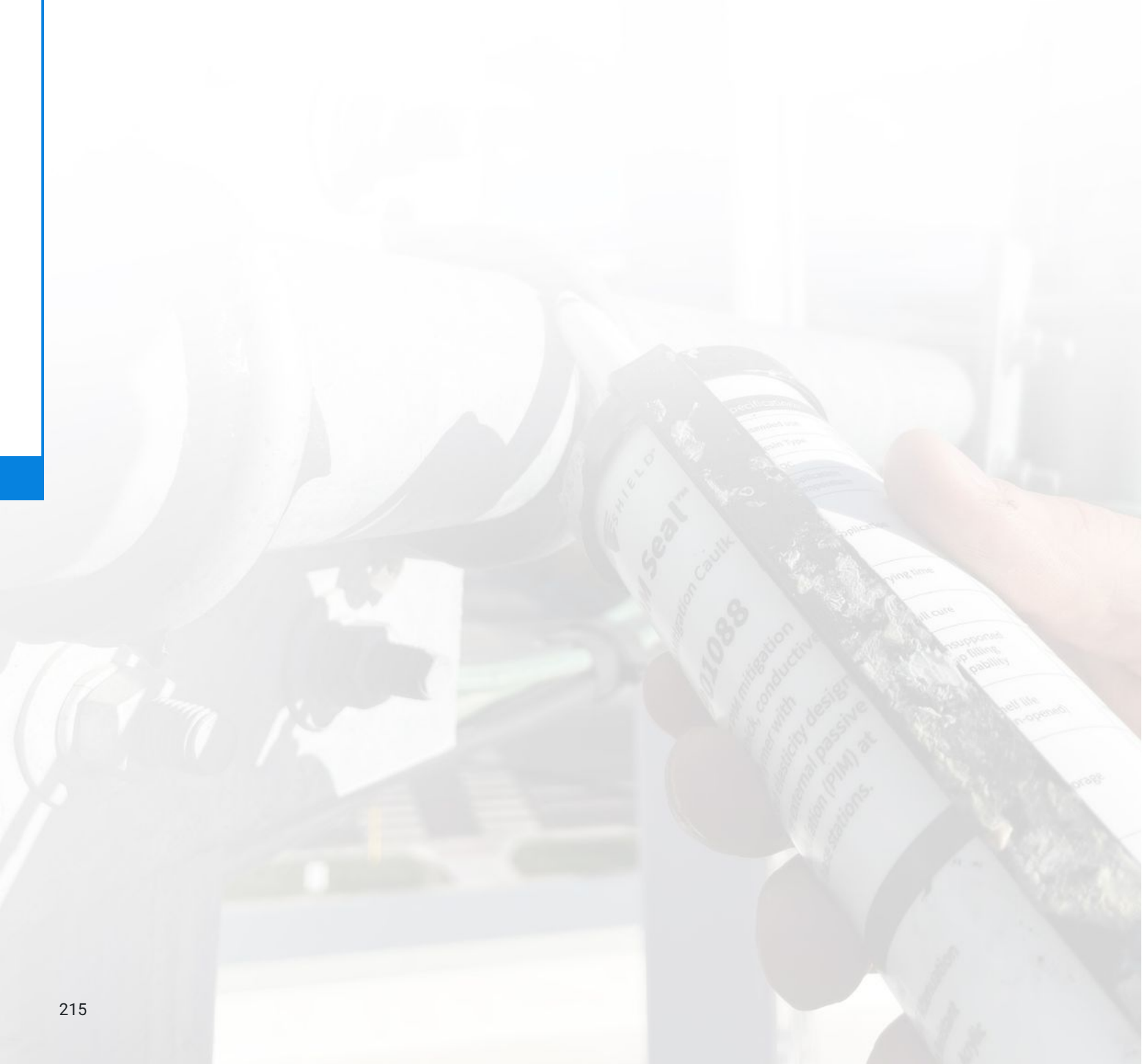
PIM Mitigation Caulk

PIM Shield® Mitigation Caulk is a conductive acrylic polymer designed to seal RF energy leaks and block passive intermodulation (PIM) sources at metal-to-metal junctions. Forming a highly elastic, crack-resistant seal, it is ideal for antenna mounting frames and structural gaps. Suitable for interior and exterior use, the caulk offers long-term durability and high RF attenuation.

- Conductive acrylic caulk for PIM mitigation
- Seals gaps at metal interfaces to block RF energy
- Provides >30 dB PIM reduction with one coat (15 mils)
- 15 dB RF shielding (1-10 GHz) with one coat
- UV stable, water-based, and non-flammable



Part #	Size	Case Qty.	Weight
901088	10.5 oz tubes	12	12 lbs.



Snap-In Adapter, 5 Position

This 5 position snap-in adapter provides a low-PIM mounting location for up to 5 snap-in style cable hangers in high-risk PIM zones.

- Low PIM
- UV Stable, glass-filled nylon
- Secure using nylon cable ties, plastic round member adapters, or acetal banding.
- Package of 10



Part #	Qty.	Weight
900945-10	Package of 10	8 lbs.

Universal Cable Support System

The PIM Shield® Universal Cable Support System is a modular, low PIM solution for securing cables to round or angle-shaped structural members at cell sites. It consists of interchangeable plastic bases and adapters that support various cable hanger configurations. Designed for high-risk PIM zones, these UV-stable, glass-filled nylon components provide secure, flexible mounting options.

- Low PIM solution for securing cables in high-risk PIM zones
- Modular design allows flexible installation with multiple adapter options
- Compatible with ConcealFab Snap-in hangers and Cable Support Blocks
- UV-stable, glass-filled nylon construction for durability
- Mounts to round or angle-shaped structural members using cable straps

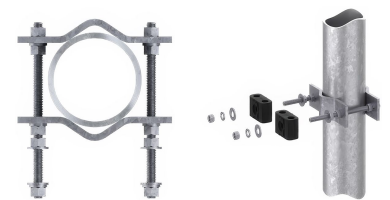


Part #	Type	Material	Case Dimensions	Weight
900638-10	Round Member Adapter	UV-Stable Glass-Filled Nylon	15" x 11" x 8.0"	9 lbs.
900639-10	Angle Adapter, 1/4"	UV-Stable Glass-Filled Nylon	15" x 11" x 8.0"	11 lbs.
900940-10	Angle Adapter, 3/8"	UV-Stable Glass-Filled Nylon	15" x 11" x 8.0"	11 lbs.
900712-10	Threaded Rod Adapter Block	UV-Stable Glass-Filled Nylon	15" x 11" x 8.0"	8 lbs.
900713-10	Snap-in Adapter Block, 3-Position	UV-Stable Glass-Filled Nylon	20" x 12.5" x 8.5"	15 lbs.

PIM Shield® Cable Support Bracket

PIM Shield® Cable Support Brackets provide a high-strength, low passive intermodulation (PIM) mounting system for securing multiple plastic Cable Support Blocks (sold separately) in high-risk PIM zones. These brackets use galvanized steel construction and an insulated mating surface to minimize interference. Designed for mounting pipes with a range of 2.38" to 3.50" OD, they ensure a reliable and durable installation.

- Low PIM
- Galvanized steel construction
- Supports multiple plastic Cable Support Blocks
- Available in different grip ranges for varied mounting needs



Part #	Grip Range	Mounting Pipe Range	Material	Weight
009718-01-10	1.25"	2.38" - 3.50" OD	Galvanized Steel	22 lbs.
009718-02-10	3.75"	2.38" - 3.50" OD	Galvanized Steel	23 lbs.

PIM Shield® Threaded Rod Adapter

The PIM Shield® Threaded Rod Adapter is a low PIM solution for mounting 3/8-inch galvanized steel threaded hardware to 0.75-inch diameter galvanized steel snap-in cable hanger mounting holes. This adapter ensures a secure and stable connection while minimizing passive intermodulation (PIM) for improved performance in RF applications.

- Low PIM adapter for mounting 3/8-inch galvanized steel threaded hardware
- Fits 0.70-inch to 0.76-inch diameter mounting holes
- Designed to compensate for galvanization build-up
- Constructed from galvanized steel for durability
- Tested to IM3 < -100 dBm per IEC 62037-8 standards
- Compatible with ConcealFab 900053 tool for proper torquing
- Operating temperature range -40°C to +70°C



Part #	Thread Size	Qty. Per Case	Weight
901295-10	3/8-16 UNC-1B	10	3 lbs.

PIM Shield® Insulator

The PIM Shield® Threaded Rod Insulator is a low PIM solution for mounting stainless steel or galvanized steel 3/8" threaded hardware to 0.75-inch diameter snap-in hanger mounting holes. The insulator design prevents direct metal-to-metal contact, reducing the risk of passive intermodulation (PIM).

- Low PIM performance
- Aligns and secures threaded hardware in mounting holes
- Prevents metal-to-metal contact
- 33% glass-filled nylon construction for durability
- Black plastic base for easy identification
- Operating temperature: -40°C to +70°C



Part #	Mounting Hole Diameter	Mounting Bar Thickness	System PIM Performance	Qty. Per Case	Weight
901191-10	0.70" - 0.76"	0.115" - 0.375"	IM3 < -100 dBm	10	2 lbs.
901191-50	0.70" - 0.76"	0.115" - 0.375"	IM3 < -100 dBm	50	7 lbs.

3-Way Universal PIM Standoff Adapters

This three-way PIM-mitigating bracket is used with snap-in hangers to organize and support cable runs.

- Weather-resistant nylon material
- Mount to round or flat members
- Include 3/4" and 3/8" accessory mounting holes
- Slots for 1/2" to 5/8" hose clamps, cable ties, or banding

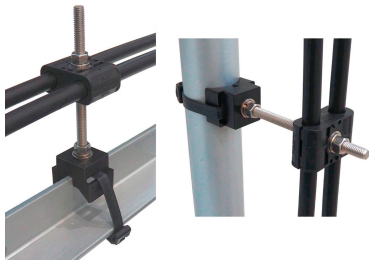


Part #	Size	Qty.	Weight
900860-10	3-7/16" x 2-1/8" x 1-5/8"	10 pack	2 lbs.

Multi-Function Cable Support Base

This versatile, cost-efficient, low-PIM bracket can be used in a variety of cable support applications.

- Mounts to angle or round members using low PIM acetal straps
- 3/8" accessory mounting hole
- 3/8" stainless steel nut included

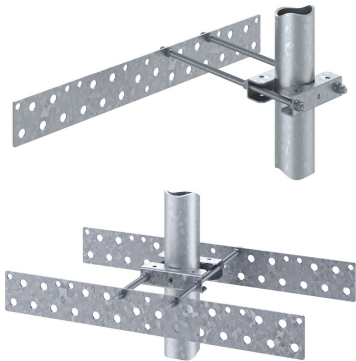


Part #	Description	Qty.	Weight
901043-10	Multi-Function Cable Support Base	10 pack	9 lbs.

Cable Support Bars

These highly configurable low-PIM cable support bars can be used in a variety of applications.

- Galvanized steel construction
- Mounts to round legs 2-3/8" to 4-1/2" diameter
- Lower weight than competitive alternatives
- Double the number of connections by adding the Extra Bar kits
- 3/4" holes accept low-PIM snap-ins

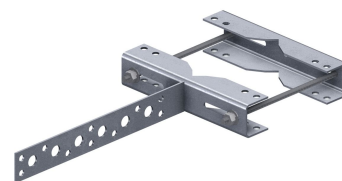


Part #	Description	Weight
900352-01	Pole Mount Kit, 13-Position	7 lbs.
900352-02	Pole Mount Kit, 13-Position, Extended Range	7 lbs.
900353-01	Pole Mount Kit, 22-Position, Extended Range	8 lbs.
900353-02	Pole Mount Kit, 22-Position, Extended Range	9 lbs.
900354	Cable Support, Extra Bar Kit, 13-Position	3 lbs.
900355	Cable Support, Extra Bar Kit, 22-Position	5 lbs.

Universal T-Bracket

This versatile low-PIM cable support bracket can be used on angle or pipe legs.

- Galvanized to avoid PIM issues with dissimilar metals
- Mounts to round legs or angle legs (60° or 90°)
- Stands 16" off tower leg and supports up to six runs of cable using snap-in hangers
- Hot-dip galvanized



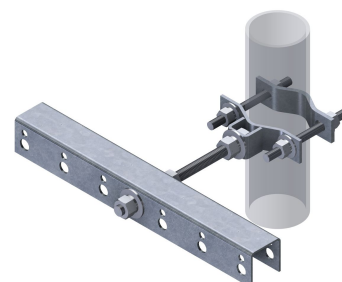
Part #	# of Snap-In Holes	Round Member Size	60° Angle Legs	90° Angle Legs	Weight
T600	6	1-1/2" - 6"	2-1/2" - 8"	2-1/2" - 5"	6 lbs.

Part #	Description	Description	Weight
T-EXT	Universal T-Bracket Extension Kit	Extension kit for round members up to 8"	2 lbs.

PIM-Mitigating Multi-Run Cable Support Kit

This low-PIM multi-run cable support kit mounts to round members up to 3-1/2".

- Mounts to round legs
- Stands off less than 12"
- Punched with 3/4" holes for snap-in hangers and 7/16" holes for 3/8" hardware
- Hot-dip galvanized

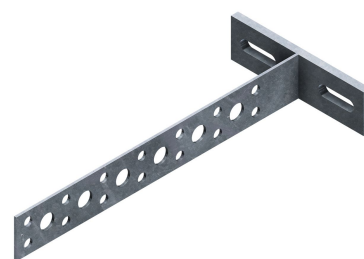


Part #	# of Snap-In Holes	# of 7/16" Holes	Weight
RRU-UT12	12	12	8 lbs.

PIM-Mitigating T-Brackets

This low-PIM multi-run cable support kit mounts to round members up to 3-1/2".

- Brackets are galvanized to avoid PIM issues with dissimilar metals
- Fit 2-3/8" to 4-1/2" OD legs
- Purchase 1/2" U-bolts separately
- Include holes for snap-in hangers and for 3/8" hardware

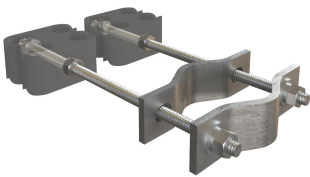


Part #	# of Snap-In Holes	# of 7/16" Holes	Weight
UT4-FB	4	8	2 lbs.
UT6-FB	6	14	3 lbs.
UT8-FB	8	18	3 lbs.

PIM-Mitigating Cable Block Brackets

Use this low-PIM bracket to support vertical cable runs using cable blocks.

- For mounting cable blocks to round tower members
- Galvanized brackets and hardware
- Cable blocks purchased separately



Part #	Description	Mounting Range	Qty.	Weight
ACP-PMB	Small Cable Block Bracket	1-1/2" to 3-1/2" OD	Each	3 lbs.
DCP-PMB	Large Cable Block Bracket	3-1/2" to 5"	Each	6 lbs.

RF Satefy Sign Support Kit

The PIM Shield® RF Safety Sign Support Kit provides a low passive intermodulation (PIM) solution for securing metal or plastic RF safety signs in high-risk PIM zones. The kit is designed to be used with UV-stable straps (sold separately) to ensure proper sign attachment while maintaining site integrity.

- Low PIM interference
- Compatible with both metal and plastic RF safety signs
- Durable, UV-stable glass-filled nylon and polyurethane components
- Stainless steel large head nut for secure fastening
- Designed for signs up to 0.125-inch thick
- Operates in -40°C to +70°C environments
- Meets IEC 62037-8 IM3 <-100 dBm near field PIM test standards
- Includes necessary mounting hardware for installation



Part #	Maximum Sign Thickness	Operating Temperature	Case Dimensions	Qty. Per Case	Weight
901706-10	0.125"	-40°C to +70°C	15" x 11" x 8"	10	2 lbs.

RF Satefy Sign Stand

The PIM Shield® RF Safety Sign Stand is a low-PIM safety barrier designed to secure RF Safety Signs at high-power rooftop sites as required by the FCC. It is engineered to resist tipping in winds up to 190 mph when used with cinder blocks (by others), creating a durable yet easily disassembled safety barrier for technician access. Multiple stands can be linked together using plastic chains (by others). The sign can be secured using plastic rivets or the 901706 Support Kit.

- Low-PIM safety barrier solution
- Withstands winds up to 190 mph
- Modular design for easy disassembly and technician access
- Compatible with 901706 Support Kit
- Meets IM3 < -100 dBm performance per IEC 62037-8
- Torque requirement: 4 FT-LB (ConcealFab Tool #901039)



Part #	Footprint (L x W) & Height	Operating Temperature	Performance	Package Dimensions	Weight
901607	27" x 20.75" x 42.5"	-20°C to +60°C	IM3 < -100 dBm	43" x 18" x 9"	9 lbs.

Full Universal RRU Mount

This universal RRU mount enables the mounting of up to two remote radio units (RRU's).

- Universal design mounts 2 RRU's up to 20" wide
- Adjustable width from 0" to 8-1/2"
- Universal mounting, round legs from 2-3/8" to 8", 60° angle legs from 2-1/2" to 8", and 90° angle legs from 2" to 6"
- Large-leg adapter kit available for up to 12-3/4" diameter or 3" to 8" angles
- Easy installation



Part #	Weight
RRU-FU2	51 lbs.

Part #	Description	Weight
LLEG-K	Large Leg Adapter Kit for Tower Mounts	74 lbs.



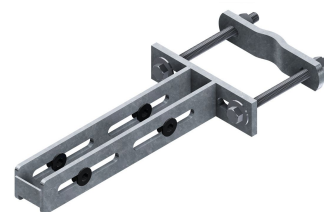
TMA Bracket

This TMA bracket is used for mounting tower mounted amplifiers.

- Includes universal mounting hardware for 2-3/8" to 4-1/2" OD legs
- Galvanized steel bracket with rubber grommets to avoid PIM issues with dissimilar metals



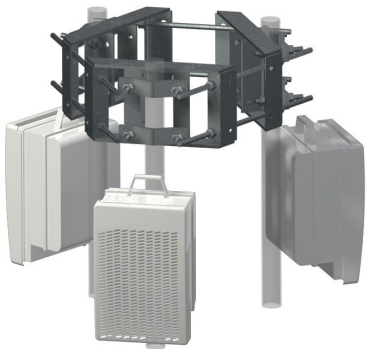
Part #	Weight
PB-TMA-K	7 lbs.



RRU Ring Mount Kit

This kit enables the mounting of up to 6 RRU's.

- Low profile design reduces wind load
- Accepts 1-1/2" to 4-1/2" mounting pipes



Part #	Size Range	Weight
UGLM-DCP	10-1/2" - 28"	113 lbs.

Part #	Description	Weight
LP-42	Large-Pole Adapter Kit for Lightweight Ring Mounts	90 lbs.
LP-6	Small-Pole Adapter Kit for Lightweight Ring Mounts	34 lbs.

Monopole Mount Kit

This kit enables the mounting of multiple RRU's or antennas.

- Safely supports multiple RRU's or antennas
- Fits round or polygon poles from 17-1/2" to 56" diameter
- Order 2-3/8" or 2-7/8" antenna mounting pipes separately
- Contact us for load and engineering data

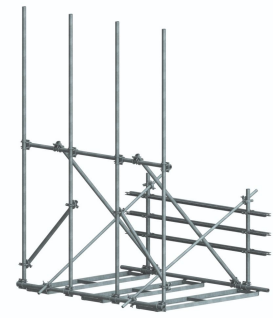


Part #	Pole Diameter	Description	Weight
6CHMT	17-1/2" - 56"	Six Sector	271 lbs.

Non-Penetrating Rooftop Frames with RRU Mounts

These rooftop pipe frames are non-penetrating, easy to assemble and include integral RRU mounts.

- Similar to our standard non-penetrating rooftop pipe frames, but include a rear RRU mounting frame
- Standard kits include four 2-3/8" x 174" antenna mounting pipes
- NP kits include hardware for 2-3/8" antenna mounting pipes; purchase antenna mounting pipes separately
- If using other size antenna mounting pipes purchase SCX7-U universal crossover plate kits
- Welded trays for easy assembly
- If additional ballast capacity is required use ballast tray add-on kits
- Purchase rubber mats separately
- See our online assembly drawings for ballast equations at SitePro1.com



Part #	Face Width	Mounting Pipes	Footprint	Mats Required	Weight
RTP10-3RRU	10'-6"	(4) 2-3/8" x 174"	92" x 126"	6	1049 lbs.
RTP12-3RRU	12'-6"	(4) 2-3/8" x 174"	92" x 150"	8	1108 lbs.
RTP14-3RRU	14'-6"	(4) 2-3/8" x 174"	92" x 174"	12	1375 lbs.

Part #	Description	Weight
MAT18	Rubber Mat 18" x 48"	16 lbs.
CSRT-BTD	Chain-Type Ballast Tie-Down Kit for Single Ballast Tray	12 lbs.
SCX7-U	Universal Crossover Plate Kits	16 lbs.

Galvanized Threaded Rod Kits

These kits have a variety of uses on communication sites.

- 3/8" galvanized rods
- Each kit contains 10 threaded rods, 30 flat washers, 30 lock washers, and 30 nuts



Part #	Rod	Kit Components	Weight
CH65-G	3/8" x 6-1/2"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	3 lbs.
CH80-G	3/8" x 8"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	3 lbs.
CH95-G	3/8" x 9-1/2"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	4 lbs.
CH120-G	3/8" x 12"	10 Rods, 30 each Flat Washers, Lock Washers, and Nuts	4 lbs.



Plastic Polymer Snap-In Hangers

These PIM-free hangers are for use on horizontal cable runs.

- For use on horizontal cable runs only; not to be used on vertical cable runs
- PIM-free polymer material
- Self-adjusting variable diameter
- Space-saving design for tighter applications
- Use with SA1C PIM-free standoff adapters



Part #	Cable Size Range	AT&T Approved cables	Qty.	Weight
PSPS-0407-10	4 to 7 mm	2 fiber jumpers and 4 fiber jumpers	10 pack	3 lbs.
PSPS-0710-10	7 to 10 mm	RET cables	10 pack	3 lbs.
PSPS-1014-10	10 to 14 mm	12 & 10 AWG 2C power cables	10 pack	3 lbs.
PSPS-1417-10	14 to 17 mm (1/2")	8 AWG 2C power cables or 1/2" coax jumpers	10 pack	3 lbs.

Cable Cushions

Use these cable cushions with hybrid snap-ins to support smaller cables.

- These cable cushions fit inside hybrid snap-ins and can be used to support smaller diameter RET, DC power, grounding, and fiber optic cables
- UV stable EPDM rubber
- Color coded for easy identification
- Installs inside PIM Shield hybrid snap-ins
- Sizes available to fit 4.5 mm to 30.3 mm cables

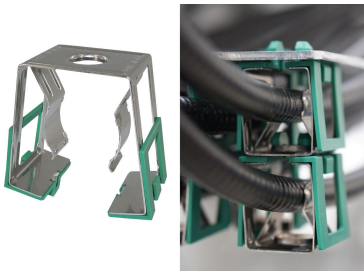


Part #	Cable Size Range	Hanger	Qty.	Color	Weight
PSCC-1001-10	4.5 to 6.5 mm	PSHS-1319-10	10 pack	Blue	3 lbs.
PSCC-1002-10	6.6 to 8.5 mm	PSHS-1319-10	10 pack	Gray	3 lbs.
PSCC-1003-10	8.6 to 10.5 mm	PSHS-1319-10	10 pack	Black	3 lbs.
PSCC-2001-10	10.6 to 12.5 mm	PSHS-2630-10	10 pack	Orange	3 lbs.
PSCC-2002-10	12.6 to 15.5 mm	PSHS-2630-10	10 pack	Black	5 lbs.
PSCC-2003-10	15.6 to 17.5 mm	PSHS-2630-10	10 pack	Gray	4 lbs.
PSCC-4001-10	19.6 to 30.3 mm	PSHS-4852-10	10 pack	Black	14 lbs.

Hybrid Snap-In Hangers

PIM Shield® Hybrid Snap-Ins provide a low passive intermodulation (PIM) solution for securing RF, fiber, power, and RET cables in high-risk PIM zones. Designed with insulated mating surfaces, these snap-ins eliminate metal-to-metal contact while ensuring high-strength and easy installation. The stainless steel frame and UV-stable, glass-filled nylon insulation provide durability for long-term deployment.

- Low PIM hybrid design prevents metal-to-metal contact
- 360° rotation at mounting interface for easy positioning
- IM3 < -100 dBm under IEC 62037-8 testing
- Secure fit into support bars (sold separately)



Part #	Cable Size Range	Qty.	Weight
PSHS-1319-10	13 to 19 mm (1/2")	10 pack	9 lbs.
PSHS-2630-10	26 to 30 mm (7/8")	10 pack	9 lbs.
PSHS-3642-10	36 to 42 mm (1-1/4")	10 pack	21 lbs.
PSHS-4852-10	48 to 52 mm (1-5/8")	10 pack	22 lbs.

Universal Barrel Cushions

These universal barrel cushions adjust to a range of cable sizes.

- Designed to manage today's hybrid cables
- Universal fit holds cables tightly and reduces inventory need or fit issues
- Patented design holds the cable securely
- These rubber inserts fit inside snap-in hangers, butterfly hangers, or cable blocks for easy installation; see chart below for proper hanger size
- UV-resistant EPDM rubber is durable in extreme conditions



Part #	Cable Size Range	Hanger Size	Qty.	Weight
BCU12X	3 mm to 13 mm	1/2"	10 pack	1 lb.
BCU158M7	7 holes for 4 mm to 9 mm	1-5/8"	10 pack	2 lbs.
BCU78X	4 mm to 14 mm	7/8"	10 pack	1 lb.
BCU114X	14 mm to 25 mm	1-1/4"	10 pack	1 lb.
BCU158X	14 mm to 36 mm	1-5/8"	10 pack	2 lbs.
BCU214X	14 mm to 45 mm	2-1/4"	10 pack	3 lbs.

Single-Hole Barrel Cushions

Match these barrel cushions with the appropriate hanger to support small cables.

- Designed to manage today's smaller cables, fiber, etc
- These rubber inserts fit inside snap-in hangers, butterfly hangers, or cable block for easy installation; see chart below for proper hanger size
- UV-resistant EPDM rubber is durable in extreme conditions



Part #	Cable Size Range	Hanger Size	Qty.	Weight
CIN1478	7 mm to 9 mm	7/8"	10 pack	1 lb.
CIN3812	10 mm to 12 mm	1/2"	10 pack	1 lb.
CIN3878	10 mm to 12 mm	7/8"	10 pack	1 lb.
CIN58114	17 mm to 20 mm	1-1/4"	10 pack	2 lbs.
CIN22114	22 mm to 25 mm	1-1/4"	10 pack	2 lbs.
CIN28114	27 mm to 29 mm	1-1/4"	10 pack	2 lbs.

Cable Blocks

Cable blocks can be used to support vertical or horizontal cable runs.

- Manufactured from glass-filled polypropylene for long-term UV resistance
- Interior ribs plus increased width for superior cable retention
- Mount with 3/8" mounting hardware (sold separately)



Part #	Cable Size & Type	Qty.	Weight
CXB4	Fiber Kit (4 to 6 mm)	10 pack	2 lbs.
CXB14-2	1/4" cable (8 mm)	10 pack	1 lb.
CXB38	3/8" cable & Stranded 10mm & 3/8" Cable	10 pack	1 lb.
CXB12	1/2" Corrugated	10 pack	1 lb.
CXB58	5/8" Corrugated	10 pack	1 lb.
CXB78	7/8" Corrugated	10 pack	1 lb.
CXB114	1-1/4" Corrugated	10 pack	2 lbs.
CXB158	1-5/8" Corrugated	10 pack	3 lbs.
CXB214	2-1/4" Corrugated	10 pack	4 lbs.

Galvanized 3/8" Angle Adapters

Use this adapter to make connections to angle or other flat steel members.

- Hot-dip galvanized steel construction
- Serrated teeth grip steel surfaces
- Galvanized hardware includes 3/8" square-head bolt and fillister screw with lock washer
- 1" opening



Part #	Qty.	Weight
GAP38	10 pack	5 lbs.

Standoff Adapters

These standoff adapters brackets can be mounted to round tower members using nylon cable ties, plastic round-member adapters, or acetal banding.

- Attach with nylon cable ties, plastic round-member adapters, or acetal banding
- PSK is for use with cable blocks
- Accept 3/8" standard nut to allow threaded rod attachment
- Hold up to three cable blocks
- Fit on round or flat members
- SA1C is for use with snap-in hangers



Part #	Description	Qty.	Weight
PSK	Plastic Standoff Adapters	10 pack	8 lbs.
SA1C	Standoff Adapters	10 pack	1 lb.

PIM Isolator for Snap-In Hangers

Use this isolator in PIM-sensitive areas to prevent metal-to-metal contact when using snap-in hangers.

- Reduce PIM by elimination metal-to-metal contact for snap-in hangers
- Isolator snaps between hangers and mounting surface and between stacked hangers



Part #	Qty.	Weight
SA-ISO	10 pack	1 lb.

Universal Nylon Angle Adapter

Use this adapter in PIM-sensitive areas.

- Weather-resistant nylon material
- Includes 3/4" and 3/8" accessory mounting holes
- Torque-stop set bolt ensures proper attachment force
- Package of 10



Part #	10 pack	Weight
PAA-U	10 pack	2 lbs.

Multi-Function Snap-In Adapter 1 Position

These snap-in adapters can be mounted to angle or round tower members using low-PIM acetal straps.

- Cost efficient
- UV-stable glass-filled nylon construction
- Mounts to angle or round members using low-PIM acetal straps
- 3/4" accessory mounting hole



Part #	Description	Qty.	Weight
901044-10	PIM Shield Multi-Function Snap-In Adapter, 1 Position	10 pack	6 lbs.

Multi-Function Snap-In Adapter 2 Position

These snap-in adapters can be mounted to angle or round tower members using low-PIM acetal straps.

- Cost efficient
- UV-stable glass-filled nylon construction
- Mounts to angle or round members using low-PIM acetal straps
- Two 3/4" and on 3/8" accessory mounting holes



Part #	Description	Qty.	Weight
901045-10	PIM Shield Multi-Function Snap-In Adapter, 2 Position	10 pack	10 lbs.

TEK Clip™ Cable Identification Clips

These clips are used as an alternative to electrical tape for color-coding cable runs.

- AT&T, T-Mobile & Verizon Approved
- Eliminate need to identify cables with colored tape
- Can be installed over factory labels while leaving factory information visible
- Safe and easy to install; reusable and adjustable
- Flexible design to fit a variety of cables
- Allow for thermal expansion and contraction without loosening
- Durable design will not peel off
- Available colors: BN-Brown, BU-Blue, GN-Green, GY-Gray, OR-Orange, PK-Pink, PU-Purple, RD-Red, WT-White, YW-Yellow



Part #	Cable Size, OD (Nominal)	Color	Qty.	Weight
TEK-CP1-12-BU	1/2"	Blue	100 pack	1 lb.
TEK-CP1-14-BU	1/4"	Blue	100 pack	1 lb.
TEK-CP1-38-BU	3/8"	Blue	100 pack	1 lb.
TEK-CP1-12-BN	1/2"	Brown	100 pack	1 lb.
TEK-CP1-14-BN	1/4"	Brown	100 pack	1 lb.
TEK-CP1-38-BN	3/8"	Brown	100 pack	1 lb.
TEK-CP1-12-GY	1/2"	Gray	100 pack	1 lb.
TEK-CP1-14-GY	1/4"	Gray	100 pack	1 lb.
TEK-CP1-38-GY	3/8"	Gray	100 pack	1 lb.
TEK-CP1-12-GN	1/2"	Green	100 pack	1 lb.
TEK-CP1-14-GN	1/4"	Green	100 pack	1 lb.
TEK-CP1-38-GN	3/8"	Green	100 pack	1 lb.
TEK-CP1-12-OR	1/2"	Orange	100 pack	1 lb.
TEK-CP1-14-OR	1/4"	Orange	100 pack	1 lb.
TEK-CP1-38-OR	3/8"	Orange	100 pack	1 lb.
TEK-CP1-12-PK	1/2"	Pink	100 pack	1 lb.
TEK-CP1-14-PK	1/4"	Pink	100 pack	1 lb.
TEK-CP1-38-PK	3/8"	Pink	100 pack	1 lb.
TEK-CP1-12-PU	1/2"	Purple	100 pack	1 lb.
TEK-CP1-14-PU	1/4"	Purple	100 pack	1 lb.
TEK-CP1-38-PU	3/8"	Purple	100 pack	1 lb.
TEK-CP1-12-RD	1/2"	Red	100 pack	1 lb.
TEK-CP1-14-RD	1/4"	Red	100 pack	1 lb.
TEK-CP1-38-RD	3/8"	Red	100 pack	1 lb.
TEK-CP1-12-WT	1/2"	White	100 pack	1 lb.
TEK-CP1-14-WT	1/4"	White	100 pack	1 lb.
TEK-CP1-38-WT	3/8"	White	100 pack	1 lb.
TEK-CP1-12-YW	1/2"	Yellow	100 pack	1 lb.
TEK-CP1-14-YW	1/4"	Yellow	100 pack	1 lb.
TEK-CP1-38-YW	3/8"	Yellow	100 pack	1 lb.

Expandable ColorCodedCuff™ Markers

These cable cuffs provide a safe, easy-to-install and environmentally friendly method to identify cable.

- AT&T, T-Mobile & Verizon Approved
- Improved design fits a range of cable sizes
- Used as an alternative to electrical tape for color coding cable runs
- Will not move or slip on the cable
- Easy one-handed installation; no tools required
- Can be removed and reused
- Available colors: BLU-Blue, BRN-Brown, GRN-Green, ORG-Orange, PNK-Pink, RED-Red, SLT-Slate, VLT-Violet, WHT-White, YLW-Yellow
- Sold in packs of 25



Part #	Cable Size, OD	Color	Qty.	Weight
CCC-SM-S25-BRN	0.19" - 0.34" (4.8mm - 8.6mm)	Brown	25 Pack	1 lb.
CCC-SM-S25-WHT	0.19" - 0.34" (4.8mm - 8.6mm)	White	25 Pack	1 lb.
CCC-SM-S25-VLT	0.19" - 0.34" (4.8mm - 8.6mm)	Violet	25 Pack	1 lb.
CCC-SM-S25-SLT	0.19" - 0.34" (4.8mm - 8.6mm)	Slate	25 Pack	1 lb.
CCC-SM-S25-RED	0.19" - 0.34" (4.8mm - 8.6mm)	Red	25 Pack	1 lb.
CCC-SM-S25-PNK	0.19" - 0.34" (4.8mm - 8.6mm)	Pink	25 Pack	1 lb.
CCC-SM-S25-ORG	0.19" - 0.34" (4.8mm - 8.6mm)	Orange	25 Pack	1 lb.
CCC-SM-S25-GRN	0.19" - 0.34" (4.8mm - 8.6mm)	Green	25 Pack	1 lb.
CCC-SM-S25-BLU	0.19" - 0.34" (4.8mm - 8.6mm)	Blue	25 Pack	1 lb.
CCC-SM-S25-YLW	0.19" - 0.34" (4.8mm - 8.6mm)	Yellow	25 Pack	1 lb.
CCC-MD-S25-BRN	0.33" - 0.5" (8.3mm - 12.7mm)	Brown	25 Pack	1 lb.
CCC-MD-S25-WHT	0.33" - 0.5" (8.3mm - 12.7mm)	White	25 Pack	1 lb.
CCC-MD-S25-VLT	0.33" - 0.5" (8.3mm - 12.7mm)	Violet	25 Pack	1 lb.
CCC-MD-S25-SLT	0.33" - 0.5" (8.3mm - 12.7mm)	Slate	25 Pack	1 lb.
CCC-MD-S25-RED	0.33" - 0.5" (8.3mm - 12.7mm)	Red	25 Pack	1 lb.
CCC-MD-S25-PNK	0.33" - 0.5" (8.3mm - 12.7mm)	Pink	25 Pack	1 lb.
CCC-MD-S25-ORG	0.33" - 0.5" (8.3mm - 12.7mm)	Orange	25 Pack	1 lb.
CCC-MD-S25-GRN	0.33" - 0.5" (8.3mm - 12.7mm)	Green	25 Pack	1 lb.
CCC-MD-S25-BLU	0.33" - 0.5" (8.3mm - 12.7mm)	Blue	25 Pack	1 lb.
CCC-MD-S25-YLW	0.33" - 0.5" (8.3mm - 12.7mm)	Yellow	25 Pack	1 lb.
CCC-LG-S25-BRN	0.49" - 0.69" (12.4mm - 17.5mm)	Brown	25 Pack	1 lb.
CCC-LG-S25-WHT	0.49" - 0.69" (12.4mm - 17.5mm)	White	25 Pack	1 lb.
CCC-LG-S25-VLT	0.49" - 0.69" (12.4mm - 17.5mm)	Violet	25 Pack	1 lb.
CCC-LG-S25-SLT	0.49" - 0.69" (12.4mm - 17.5mm)	Slate	25 Pack	1 lb.
CCC-LG-S25-RED	0.49" - 0.69" (12.4mm - 17.5mm)	Red	25 Pack	1 lb.
CCC-LG-S25-PNK	0.49" - 0.69" (12.4mm - 17.5mm)	Pink	25 Pack	1 lb.
CCC-LG-S25-ORG	0.49" - 0.69" (12.4mm - 17.5mm)	Orange	25 Pack	1 lb.
CCC-LG-S25-GRN	0.49" - 0.69" (12.4mm - 17.5mm)	Green	25 Pack	1 lb.
CCC-LG-S25-BLU	0.49" - 0.69" (12.4mm - 17.5mm)	Blue	25 Pack	1 lb.
CCC-LG-S25-YLW	0.49" - 0.69" (12.4mm - 17.5mm)	Yellow	25 Pack	1 lb.

Noalox

Prevents oxidation and corrosion on important electrical connections.

- Seals out air and moisture to prevent corrosion and formation of oxide film on connections
- Not available for air or ocean shipment



Part #	Size	Weight
DOX4	4 oz	1 lb.
DOX8	8 oz	1 lb.



Self-Grip Strapping

This reusable self-gripping strap bundles wires and cables, keeping your site neat and organized.

- Wraps around anything and sticks to itself for fast and easy bundling
- Hook on one side, loop on the other



Part #	Size	Weight
SGS12X75	1/2" x 75' Roll	1 lb.
SGS34x15	3/4" x 15' Roll	1 lb.
SGS34x75	3/4" x 75' Roll	1 lb.
SGS01x15	1" x 15' Roll	1 lb.
SGS01x75	1" x 75' Roll	1 lb.



NO-OX Heavy-Duty Rust Preventative and Lubricant

Provides lubrication and prevents corrosion.

- Long-term solution for lubrication and corrosion control
- Requires minimal surface preparation
- Contains metal wetting agents and rust inhibitors in a petroleum wax base
- Semi-transparent non-drying film retains its properties indefinitely
- 8 oz can with application brush



Part #	Description	Weight
NO-OX-ID-80Z	NO-OX 8 oz can	1 lb.



Hook & Loop Cable Ties

- Use this reusable self-gripping strap to bundle wires and cables, keeping your site neat and organized.
- Industrial grade pre-cut straps
 - Hook on one side, loop on the other
 - Attaches to itself for fast and easy bundling



Part #	Size	Package Qty.	Weight
HLCT12X8	1/2" x 8'	100	1 lb.

Nylon Cable Ties

- Use to bundle wires and cables to keep your site neat and organized.
- UV-resistant black 6.6 nylon cable ties
 - Available in standard and heavy-duty versions



Part #	Length	Width	Tensile Strength	Max Bundle Diameter	Package Qty.	Weight
CT8	7.5"	0.18"	50 lb	1-3/4"	100	1 lb.
CT11	11"	0.18"	50 lb	3"	100	1 lb.
CT15	14.5"	0.18"	50 lb	4"	100	1 lb.
CT15HD	15.2"	0.3"	120 lb	4-1/4"	100	2 lbs.
CT18HD	18.25"	0.3"	120 lb	5"	50	2 lbs.
CT24HD	24"	0.34"	175 lb	6-1/2"	50	2 lbs.

Cable Tie Wall Mount Bracket

- Use to bundle wires and cables to keep your site neat and organized.
- Mount with #12 screws (not included)
 - Made from natural-colored nylon



Part #	Description	Dimensions	Weight
PP2S-S12-C	Nylon Wall Mount Bracket	3/4" W 4-1/2" L	1 lb.

Plastic Round Member Adapters

Use to bundle wires and cables to keep your site neat and organized.

- Non-conductive and non-corrosive
- 1/2" (13mm) band
- Nylon 66 screw



Part #	Size Range	Qty.	Weight
PHC2-10	2" - 3"	10 pack	1 lb.
PHC3-10	3" - 4"	10 pack	1 lb.
PHC4-10	4" - 5"	10 pack	1 lb.

Acetal Cable Tie

PIM-friendly strapping for communication cables.

- Perfect for coaxial, fiber optic, and other communication and electrical cables
- 1/2" wide weather-resistant acetal banding
- 250 lb tensile strength



Part #	Description	Weight
TWR50	Acetal Cable Tie, 50' Reel	1 lb.
TWLH25	Acetal Cable Buckles, 25 pack	1 lb.

Tie Wraps

PIM-friendly strapping for communication cables.

- Acetal heavy-duty cable ties
- 1/2" width
- UV-resistant
- 400 lb loop tensile strength
- Use with acetal installation tool



Part #	Description	Qty.	Weight
900443-16-50	16" Acetal Tie Wrap	50 pack	1 lb.
900443-27-25	27" Acetal Tie Wrap	25 pack	1 lb.

PIM Shield® Button

These buttons are a low-PIM method to secure RF, fiber, power and RET cables in high risk PIM zones.

- Inserts into support bars that are 0.118-inch to 0.169-inch thick with 0.71-inch to 0.76-inch diameter holes (sold separately)
- IM3 <-100 dBm when tested in accordance with IEC 62037-8, near field test, 2x 20W test tones, while subjected to dynamic stimulus
- UV stable, glass filled Nylon
- 40 °C to +70 °C operating temperature



Part #	Description	Color	Qty	Weight
901738-S-50	Bundle of PIM Shield® Buttons & 16" Acetal Tie Wraps	Black	50 pack	5 lbs.

ZRC Cold Galvanizing Spray (95% Zinc)

Use to field-repair damage to galvanized surfaces.

- 12 oz aerosol can; 95% zinc metal in battleship gray flat finish
- Equivalent to hot-dip galvanizing
- Meets federal specifications DOD-P21035A and MIL-P26915A
- Meets VOC standards in all 50 states
- Not available for air or ocean shipment



Part #	Size	Weight
ZRC-10000	12 oz can	1 lb.

Banding Installation Tool

Use to provide proper tension for acetal banding connections.

- Tensioning/cutting tool for acetal cable ties
- Works with ties up to 1/2" wide



Part #	Description	Weight
900442	Acetal Banding Installation Tool	1 lb.

ZRC Galvilitite Galvanizing Repair Spray (95% Zinc)

Use to field-repair damage to galvanized surfaces.

- 12 oz aerosol can; 95% zinc metal in bright silver finish that blends with new hot-dip galvanizing
- Meets galvanizing repair specifications ASTM-A780, SSPC-Paint 20, and DOD-P21035A
- Meets VOC standards in all 50 states
- Not available for air or ocean shipment



Part #	Size	Weight
ZRC-20010	12 oz can	1 lb.



Brite Zinc Spray (69% Zinc)

Use to field-repair damage to galvanized surfaces.

- Brite Zinc Aerosol can
- 12.5 oz can covers up to 40 square feet
- One-step color matches the shiny look of hot-dip galvanizing
- Special no-clog nozzle
- Meets ASTM-A780 for corrosion protection
- Not available for air or ocean shipment



Part #	Size	Weight
BZ12	12.5 oz can	2 lbs.



First Zinc Aerosol Spray Can (95% Zinc)

Use to field-repair damage to galvanized surfaces.

- 12.5 oz aerosol can
- Traditional flat gray color
- Meets or exceeds requirements of ASTM-A780, DOD-P21035B, MIL-P46105, MIL-P26915B, and SSPC PS-12, PS-20, PS-22, PS-29, and PS30
- Not available for air or ocean shipment



Part #	Size	Weight
FZ13	12.5 oz can	2 lbs.



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