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Utility Solutions
Private Network Product Guide

Olympus Towers

SITE PRO 1 A valmont COMPANY

ConcealFab A valmont COMPANY

Larson Camouflage

Your Grid Runs on Valmont®. Your Network Can Too.

Utilities are entering a new phase of network investment as grid modernization, rising energy demand, and expanding digital infrastructure reshape the operating environment. From smart metering and automation to remote monitoring and system visibility, private LTE networks are becoming an essential part of how utilities build a more responsive, intelligent, and resilient grid.

At the same time, the need for secure, high-performance communications has never been greater. Utilities are deploying more connected devices across broader territories while facing increasing pressure to protect critical operations, maintain service continuity, and support faster decision-making in the field. Private LTE provides the control, coverage, and reliability needed to support these mission-critical demands with greater confidence.

Valmont® Telecom helps utilities strengthen the physical foundation behind these networks with a portfolio built to support deployment at every stage. Through Olympus Towers™, Larson Camouflage, ConcealFab®, Site Pro 1®, and PIM Shield®, Valmont® delivers the structures, concealment, components, and interference mitigation solutions that help customers move faster, reduce risk, and build for long-term performance.

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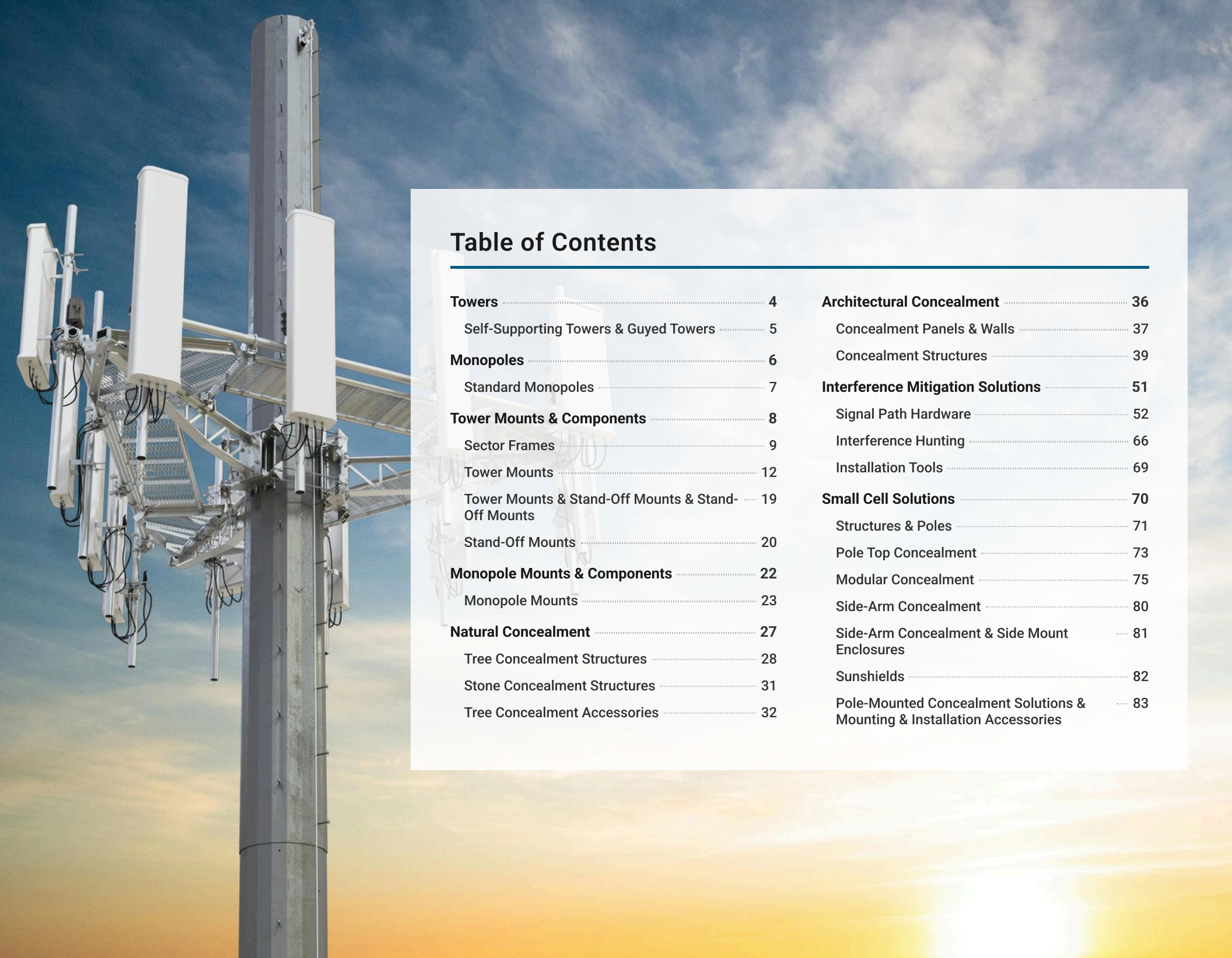

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Towers

Engineered for strength, scale, and long-term performance, our tower solutions support a wide range of wireless and utility network deployments. From traditional macro infrastructure to specialized applications, they provide the structural foundation for reliable connectivity.

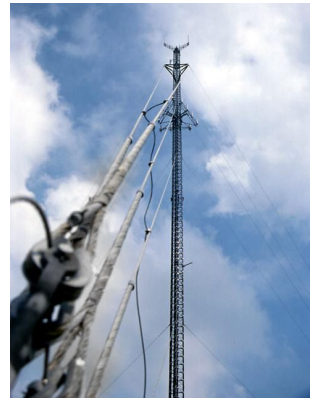
Olympus™ Self-Supporting Towers

Olympus™ self-supporting lattice towers deliver a low-maintenance, easy-to-install, highly reliable solution built for heavy equipment loads and harsh conditions. They're available across multiple series (U, V, H, M) to match loading profiles and environmental demands, and can be custom-engineered with platforms, safety climb, and foundation packages for a complete, code-compliant build.

- Platforms and catwalks available for almost any elevation
- Heights up to 600' available
- Suitable for heavy-duty wireless loading and light-to-heavy microwave, radar, and custom configurations
- Available in all-welded or knock-down segments for logistics and install flexibility
- Custom designed to your specifications; mounting solutions and foundation/engineering services available
- Standard welded brackets and simple safety-climb installation; breakdown leg designs for shipping; step bolts and internal/external ladders can be integrated
- Meets or exceeds applicable TIA-222 version; hot-dip galvanized to ASTM A123; FAA paint and lighting available

SKU	Height Range	Standards	Finish
OLYSST92	Heights up to 600' available	Meets or exceeds applicable TIA-222 version	Hot-dip galvanized to ASTM A123; FAA paint/lighting available

Olympus™ Guyed Towers



Olympus™ guyed towers are manufactured for high durability and structural integrity, delivering maximum height flexibility while minimizing costs. Designs include pre-assembly and climbing provisions for efficient installation and maintenance, and engineering support to tailor guy plans, anchors, and face widths that meet current and future loading needs—up to 1,000' overall height.

- Can be pre-assembled on the ground and lifted for installation; integrated or external ladders and safety-climb brackets standard
- Guy tensioning wires provide structural support; lattice sections enable safer, easier climbing
- Accommodates a variety of current and future loading requirements
- Engineering analysis accounts for site conditions, loading, mounting specs, climbing provisions, and future potential
- Available with 18"–24" face widths (pin/cup) or 30"–48" in 6" increments (foot-pad), enabling heights up to 1,000'
- Meets or exceeds applicable TIA-222 version; hot-dip galvanized to ASTM A123; paint to FAA standards; FAA lighting available

SKU	Height Range	Standards	Finish
OLYGT98	Up to 1,000' (per face width/connection)	Meets or exceeds applicable TIA-222 version	Hot-dip galvanized to ASTM A123; FAA paint/lighting available

Monopoles

Our monopole solutions deliver a streamlined structural option for wireless and utility environments where performance, footprint, and site flexibility matter. Designed for durability and efficiency, they support a broad range of mounting and deployment requirements.

Olympus™ Monopoles

Olympus™ monopoles deliver streamlined design and superior performance for space-conscious installations. Single-pole structures provide excellent performance while requiring minimal ground space, making them ideal for urban environments where space is at a premium but reliable wireless coverage is essential.

- Compact footprint ideal for space-constrained sites
- Standard and stealth designs available to meet aesthetic requirements
- Multi-carrier capability maximizes site efficiency
- Flagpole antenna options for patriotic concealment
- Custom engineered to meet specific site requirements and load conditions
- Optimized antenna placement and RF isolation for multi-tenant deployments
- Meets or exceeds applicable TIA-222 version; hot-dip galvanized to ASTM A123; FAA paint and lighting available

SKU	Applications	Standards	Finish
OLYSM83	Urban wireless, suburban coverage, multi-carrier sites	Meets or exceeds applicable TIA-222 version	Hot-dip galvanized; custom colors available

Tower Mounts & Components

Our tower mounts and components are designed to simplify installation while delivering the strength and adaptability required for demanding site conditions. From microwave and antenna mounts to hardware and accessories, these solutions help support efficient, reliable deployments.

XD Series™ V-Frames

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

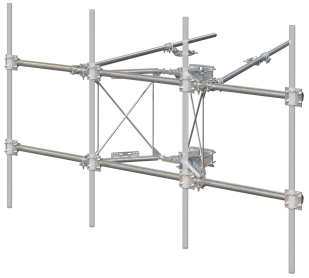
- Features BCAM™ Taper Adjustment System
- Features our Quick-Plate™ for easy grounding and addition of RRU mounting pipes or unistrut
- Improved 5'+ standoff, greater capacity, and lower wind resistance
- Includes hardware to mount 2-3/8" and 2-7/8" antenna mounting pipes (Pipes sold separately)
- Frames rotate for easy azimuth adjustment (+/- 60 degrees)
- Contact us for load and engineering data

SKU	Face Width	Antenna Pipe Hardware For	Stiff Arm Qty.	Mounts to Leg Sizes	Weight
VFA8-XDS	9'	3 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	656 lbs.
VFA8-XD	9'	3 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	750 lbs.
VFA10-XDS	11'	4 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	705 lbs.
VFA10-XD	11'	4 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	798 lbs.
VFA12-XDS	13'	4 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	729 lbs.
VFA12-XD	13'	4 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	823 lbs.
VFA14-XDS	15'	4 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	743 lbs.
VFA14-XD	15'	4 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	837 lbs.
VFA14-XD-5P	15'	5 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	855 lbs.

Works With

SKU	Description	Weight
BCAM-HDLL	Large-Leg Adapter	134 lbs.
BCAM-HDLL-AA	Large Angle-Leg Adapter	131 lbs.
VPM-K	V-Frame Pipe Mount Kit	21 lbs.

HD Series™ V-Frames



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

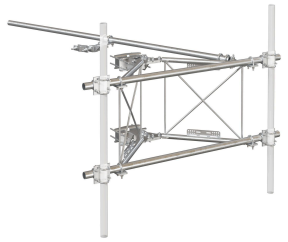
- Features BCAM™ Taper Adjustment System
- Features our Quick-Plate™ for easy grounding and addition of RRU mounting pipes or unistrut
- Round-member face offers lower wind resistance
- Includes stiff arm(s)
- Includes hardware to mount 2-3/8" and 2-7/8" antenna mounting pipes (Pipes sold separately)
- Frames rotate for easy azimuth adjustment (+/- 60 degrees)
- Contact us for load and engineering data

SKU	Face Width	Antenna Pipe Hardware For	Stiff Arm Qty.	Mounts to Leg Sizes	Weight
VFA6-HD-S	7'	2 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	522 lbs.
VFA6-HD	7'	2 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	507 lbs.
VFA8-HD-S	9'	3 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	552 lbs.
VFA8-HD	9'	3 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	595 lbs.
VFA10-HD-S	11'	4 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	590 lbs.
VFA10-HD	11'	4 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	631 lbs.
VFA12-HD-S	13'	4 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	595 lbs.
VFA12-HD	13'	4 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	760 lbs.
VFA14-HD-S	15'	4 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	595 lbs.
VFA14-HD	15'	4 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	646 lbs.

Works With

SKU	Description	Weight
BCAM-HDLL	Large-Leg Adapter	134 lbs.
BCAM-HDLL-AA	Large Angle-Leg Adapter	131 lbs.
VPM-K	V-Frame Pipe Mount Kit	21 lbs.

SD Series™ V-Frames



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

- Features BCAM™ Taper Adjustment System
- Features our Quick-Plate™ for easy grounding and addition of RRU mounting pipes or unistrut
- Round-member face offers lower wind resistance
- Includes stiff arm(s)
- Includes hardware to mount 2-3/8" antenna mounting pipes (Pipes sold separately)
- Frames rotate for easy azimuth adjustment (+/- 60 degrees)
- 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
- Contact us for load and engineering data

SKU	Face Width	Antenna Pipe Hardware For	Stiff Arm Qty.	Mounts to Leg Sizes	Weight
VFA6-SD-S	7'	2 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	366 lbs.
VFA6-SD	7'	2 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	441 lbs.
VFA8-SD-S	9'	3 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	472 lbs.
VFA8-SD	9'	3 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	472 lbs.
VFA10-SD-S	11'	4 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	460 lbs.
VFA10-SD	11'	4 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	498 lbs.
VFA12-SD-S	13'	4 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	426 lbs.
VFA12-SD	13'	4 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	509 lbs.
VFA14-SD-S	15'	4 Pipes (Sold Separately)	1	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	500 lbs.
VFA14-SD	15'	4 Pipes (Sold Separately)	2	1-1/2" to 9-1/2" Round Legs and 3" to 6" Angles	528 lbs.

Works With

SKU	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.

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

SKU	Pipe	Mounts to Leg Sizes	Weight
R5	4-1/2” x 72”	1-1/2" to 4-1/2" O.D.	145 lbs.
R5-LL	4-1/2” x 72”	Tubular legs 5" to 14" and angle legs 3" to 8"	220 lbs.
R5-UP	No Pipe Included; Accepts Antenna Mounting Pipes 1-1/2” to 4-1/2”	Tubular legs 1-1/2" to 4-1/2"	80 lbs.

Works With

SKU	Description	Weight
PME2	Pipe Mount Extension for Ice Shields	37 lbs.

R5-216 Heavy-Duty Universal Pipe Mount Kit

This sliding bracket is used for even the most difficult tower attachments.

- Includes 4-1/2” x 72” Mounting Pipe.
- Accepts 2-3/8” to 4-1/2” OD Antenna Mounting Pipes.
- 3-1/2” x 60” horizontal Pipe allows up to 48” of separation.
- Easily adjustable taper.
- Kit includes U-Bolts and all hardware.

SKU	Pipe OD	Stand-Off	Mount Pipe	Weight
R5-216	1-1/2” to 4-1/2”	18”	4-1/2” x 72”	235 lbs.

R6 Heavy-Duty Universal Pipe Mount Kit

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

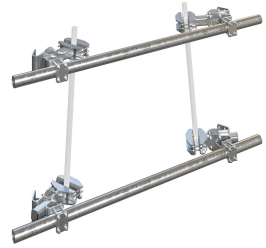
- Heavy-duty sliding brackets for difficult tower attachments
- Includes 4-1/2” x 72” antenna mounting pipe
- Easy taper adjustment of up to 5.7° (based on 30” spacing of brackets)
- Fits round leg sizes 1-1/2” to 9-1/2” diameter and angle sizes 3” to 6”
- Large leg adapter kits available

SKU	Pipe	Mounts to Leg Sizes	Weight
R6	4-1/2” x 72”	Tubular legs 4-3/4" to 10-3/4" and angle legs 3" to 8"	263 lbs.

Works With

SKU	Description	Weight
BCAM-HDLL	Large-Leg Adapter	134 lbs.
BCAM-HDLL-AA	Large Angle-Leg Adapter	131 lbs.

Universal Face Pipe Mount Assembly



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

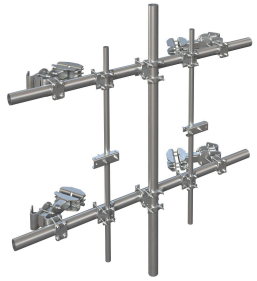
- Easily adjustable taper up to 8º (based on 60” spacing of brackets)
- Work with face pipes 2-7/8”, 3-1/2”, or 4-1/2” OD
- Attach to 1-1/2” to 9-1/2” round members or 3” to 6” angles
- Add FACE-LLEG for larger leg sizes (round legs 9-1/2” to 16” dia, 90º angle legs 6” to 11”, or truss legs up to 12”)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

SKU	Sectors	Face Pipes	Weight
FACE-ASY1-30126	One	(2) 2-7/8” x 11'	660 lbs.
FACE-ASY1-3126	One	(2) 3-1/2” x 11'	690 lbs.
FACE-ASY1-4126	One	(2) 4-1/2” x 11'	755 lbs.
FACE-ASY1-NP	One	None	530 lbs.
FACE-ASY3-30126	Three	(6) 2-7/8" x 11'	1236 lbs.
FACE-ASY3-3126	Three	(6) 3-1/2” x 11'	1327 lbs.
FACE-ASY3-4126	Three	(6) 4-1/2” x 11'	1530 lbs.
FACE-ASY3-NP	Three	None	850 lbs.
FACE-ASY4-30126	Four	(8) 2-7/8" x 11'	1651 lbs.
FACE-ASY4-3126	Four	(8) 3-1/2” x 11'	1772 lbs.
FACE-ASY4-4126	Four	(8) 4-1/2” x 11'	2043 lbs.
FACE-ASY4-NP	Four	None	1134 lbs.

Works With

SKU	Description	Weight
FACE-LLEG	Large Leg Adapter Kit	76 lbs.
FACE-PM	Pipe Mount Attachment Kit	51 lbs.
FACE-PM496	Pipe Mount Attachment Kit (With Pipe)	146 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, 90º angle legs 6” to 11”, or truss legs up to 12”)

SKU	Horizontal Pipe	# of Struts	Weight
FMW10-3	3-1/2" O.D. x 132"	0	852 lbs.
FMW10-4	4-1/2" O.D. x 132"	0	919 lbs.
FMW10-30DS	2-7/8" O.D. x 132"	2	1036 lbs.
FMW10-3DS	3-1/2" O.D. x 132"	2	1081 lbs.
FMW10-4DS	4-1/2" O.D. x 132"	2	1183 lbs.
FMW10-30SS	2-7/8" O.D. x 132"	1	961 lbs.
FMW10-3SS	3-1/2" O.D. x 132"	1	1006 lbs.
FMW10-4SS	4-1/2" O.D. x 132"	1	1108 lbs.
FMW10-30	2-7/8" O.D. x 132"	0	822 lbs.

Works With

SKU	Description	Weight
FACE-LLEG	Large Leg Adapter Kit	76 lbs.
FACE-PM	Pipe Mount Attachment Kit	51 lbs.
FACE-PM496	Pipe Mount Attachment Kit (With Pipe)	146 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, 90º angle legs 6” to 11”, or truss legs up to 12”)

SKU	Horizontal Pipe	# of Struts	Weight
FMW14-30DS	2-7/8" O.D. x 180"	2	1095 lbs.
FMW14-3DS	3-1/2" O.D. x 180"	2	1172 lbs.
FMW14-4DS	4-1/2" O.D. x 180"	2	1313 lbs.
FMW14-30SS	2-7/8" O.D. x 180"	1	1020 lbs.
FMW14-3SS	3-1/2" O.D. x 180"	1	1097 lbs.
FMW14-30	2-7/8" O.D. x 180"	0	861 lbs.
FMW14-3	3-1/2" O.D. x 180"	0	912 lbs.
FMW14-4	4-1/2" O.D. x 180"	0	1005 lbs.

Works With

SKU	Description	Weight
FACE-LLEG	Large Leg Adapter Kit	76 lbs.
FACE-PM	Pipe Mount Attachment Kit	51 lbs.
FACE-PM496	Pipe Mount Attachment Kit (With Pipe)	146 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, 90º angle legs 6” to 11”, or truss legs up to 12”)

SKU	Horizontal Pipe	# of Struts	Weight
FMW20-30DS	2-7/8" O.D. x 252"	2	1086 lbs.
FMW20-3DS	3-1/2" O.D. x 252"	2	1161 lbs.
FMW20-4DS	4-1/2" O.D. x 252"	2	1296 lbs.
FMW20-30SS	2-7/8" O.D. x 252"	1	1011 lbs.
FMW20-3SS	3-1/2" O.D. x 252"	1	1086 lbs.
FMW20-4SS	4-1/2" O.D. x 252"	1	1221 lbs.
FMW20-30	2-7/8" O.D. x 252"	0	936 lbs.
FMW20-3	3-1/2" O.D. x 252"	0	1011 lbs.
FMW20-4	4-1/2" O.D. x 252"	0	1147 lbs.

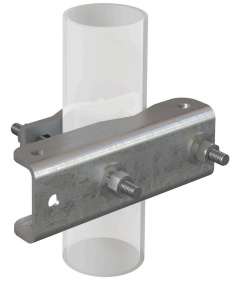
Works With

SKU	Description	Weight
FACE-LLEG	Large Leg Adapter Kit	76 lbs.
FACE-PM	Pipe Mount Attachment Kit	51 lbs.
FACE-PM496	Pipe Mount Attachment Kit (With Pipe)	146 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



SKU	Attachment	Weight
MSS-U	1.9" - 4.5" O.D.	12 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

SKU	Mount Pipe	Round Member Size	Weight
FSP296-K	2-3/8" O.D. x 96"	1.5" - 4.5" O.D.	75 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
- Contact us for load and engineering data

SKU	Pipe	Weight
TFS-3126	3-1/2" O.D. x 132"	247 lbs.
TFS-3174	3-1/2" O.D. x 180"	277 lbs.
TFS-3252	3-1/2" O.D. x 252"	336 lbs.
TFS-NP	Order Separately	152 lbs.

Stand-Off Mounts (Universal Kit)

These universal stand-off mounts allow for clearance from the tower.

- 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
- Maximum taper adjustment is 3.8 degrees based upon 45” spacing of mounting brackets

SKU	Stand-Off	Mast Size	Stiff-Arm Qty.	Weight
HS4-K	4'	2-3/8” x 38”	1	245 lbs.
HS6-K	6'	3-1/2” x 42-1/2”	1	291 lbs.
HS4D-K	4'	2-3/8” x 38”	2	362 lbs.
HS6D-K	6'	3-1/2” x 42-1/2”	2	401 lbs.

Stand-Off Pipe 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

SKU	Stand-Off	Stiff-Arm Qty.	Weight
PSA3	3'	1	120 lbs.
PSA6	6'	1	182 lbs.
PSAD3	3'	2	296 lbs.
PSAD6	6'	2	320 lbs.

Bogner Mount

This Standard-Duty 6' side arm mount was designed to handle most Whip antennas.

- Features the 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 Sch 40 (4") OD x 52” vertical mast
- Rated for 500 lb live load
- HD version available upon request

SKU	Stand-Off Mast Size	Stiff-Arm Qty.	Weight
BOG6-SD	4” OD	1	517 lbs.

Works With

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

Monopole Mounts & Components

Built for performance on monopole structures, these mounting systems and components support a wide range of sector, platform, microwave, and accessory applications. They are engineered to help maximize usability, flexibility, and long-term site performance.

Sector Frame Attachment Assembly

This allows the easy attachment of sector frames to monopoles.

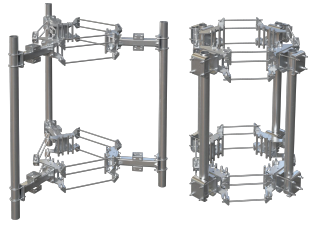
- Provides 4-1/2” OD mounting pipes for attachment of sector frames
- Includes two ring mounts, 4-1/2” OD mounting pipes, and hardware

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

Monopole Sector Frame Attachment Assembly

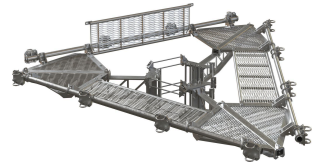
This allows the easy attachment of sector frames to monopoles.

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



SKU	Description	Pole Sizes	Weight
MSFAA-FLX3	Sector Frame Attachment Assembly (3 Sector) for FlexMax™ Collar	12” - 45”	937 lbs.
MSFAA-FLX4	Sector Frame Attachment Assembly (4 Sector) for FlexMax™ Collar	12” - 60”	1250 lbs.
MSFAA-24-FLX3	Sector Frame Attachment Assembly (3 Sector) for FlexMax™ Collar with 24" Stand-Off	12” - 45”	1237 lbs.
MSFAA-24-FLX4	Sector Frame Attachment Assembly (4 Sector) for FlexMax™ Collar with 24" Stand-Off	12” - 60”	1648 lbs.

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.

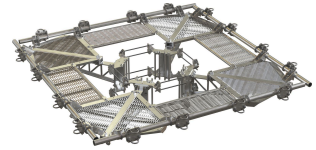
- Unprecedented strength, uniquely designed to handle heavier, modern equipment loads with ease
- Reduces localized stress and pole damage for improved structural integrity with the included FLX Series™ Ring Mount
- Flush walkway and lack of sharp edges make this platform safer for technicians
- Eliminates 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.

SKU	Pole Diameter	Pole Circumference	Face Width	Weight
FX3P-8W	12” - 30”	37.7” - 94.25”	9’	2031 lbs.
FX3P-10W	12” - 36”	37.7” - 113.0”	11'	2031 lbs.
FX3P-12W	12" - 44"	37.7” - 138.0”	13'	2212 lbs.
FX3P-14W	12" - 44"	37.7” - 138.0”	15'	2421 lbs.

Works With

SKU	Description	Weight
CRK-DC3	Cable Platform Reinforcement Kit (12" - 45" Pole Diameter)	350 lbs.
FLX-ADK	FLX Series™ Large Pole Adapter Kit	96 lbs.
F3P-PRK	Tri-Platform Angle Reinforcement Kit	470 lbs.
F3P-HRK8	Support Rail Kit for Fortress™ Tri-Platform Mounts	374 lbs.
F3P-HRK10	Support Rail Kit for Fortress™ Tri-Platform Mounts	391 lbs.
F3P-HRK12	Support Rail Kit for Fortress™ Tri-Platform Mounts	405 lbs.
F3P-HRK14	Support Rail Kit for Fortress™ Tri-Platform Mounts	415 lbs.
FP-BBPM	Fortress™ Side Arm RRU Mounting Kit	31 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.

SKU	Pole Diameter	Pole Circumference	Face Width	Weight
FX4P-8W	12” - 30”	37.7” - 94.25”	9’	2708 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'	3228 lbs.

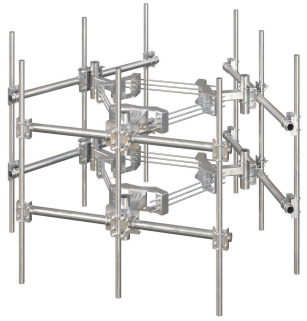
Works With

SKU	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	Support Rail Kit for Fortress™ Quad-Platform Mounts	464 lbs.
F4P-HRK10	Support Rail Kit for Fortress™ Quad-Platform Mounts	480 lbs.
F4P-HRK12	Support Rail Kit for Fortress™ Quad-Platform Mounts	507 lbs.
F4P-HRK14	Support Rail Kit for Fortress™ Quad-Platform Mounts	550 lbs.
FP-BBPM	Fortress™ Side Arm RRU Mounting Kit	31 lbs.

Monopole Dual-Level Tri-Sector 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



SKU	Pole Diameter	Stand-Off Length	Mounting Pipes	Face	Weight
RMVD8-2120-18	12" - 45"	18"	(9) 2-3/8" x 96"	9'	1881 lbs.
RMVD8-2120-24	12" - 45"	18"	(9) 2-3/8" x 120"	9'	1937 lbs.
RMVD8-296-18	12" - 45"	24"	(9) 2-3/8" x 96"	9′	1918 lbs.
RMVD8-296-24	12" - 45"	24"	(9) 2-3/8" x 120"	9'	1974 lbs.
RMVD8-3-2120	12" - 45"	36"	(9) 2-3/8" x 96"	9'	2175 lbs.
RMVD8-3-296	12" - 45"	36"	(9) 2-3/8" x 120"	9'	2255 lbs.
RMVD10-4-2120	12" - 45"	36"	(12) 2-3/8" x 96"	11'	2355 lbs.
RMVD10-4-296	12" - 45"	36"	(12) 2-3/8" x 120"	11'	2429 lbs.
RMVD10-4-30120	12" - 45"	36"	(12) 2-7/8" x 96"	11'	2525 lbs.
RMVD10-4-3096	12" - 45"	36"	(12) 2-7/8" x 120"	11'	2665 lbs.
RMVD12-4-2120	12" - 45"	36"	(12) 2-7/8" x 96"	13'	2446 lbs.
RMVD12-4-296	12" - 45"	36"	(12) 2-7/8" x 120"	13'	2521 lbs.
RMVD12-4-30120	12" - 45"	36"	(12) 2-7/8" x 96"	13'	2616 lbs.
RMVD12-4-3096	12" - 45"	36"	(12) 2-7/8" x 120"	13'	2755 lbs.
RMVD14-4-2120	12" - 45"	36"	(12) 2-3/8" x 96"	15'	2537 lbs.
RMVD14-4-296	12" - 45"	36"	(12) 2-3/8" x 120"	15'	2612 lbs.
RMVD14-4-30120	12" - 45"	36"	(12) 2-7/8" x 96"	15′	2707 lbs.
RMVD14-4-3096	12" - 45"	36"	(12) 2-7/8" x 120"	15'	2846 lbs.

Natural Concealment

Natural concealment solutions help wireless infrastructure blend more effectively into surrounding environments without compromising performance. These systems support deployment in visually sensitive areas where aesthetics and community acceptance are critical.

Mono Pine Trees

Our Pine Tree concealment solutions offer multiple different branch types, antenna socks, RRU socks, and bark types to provide a natural aesthetic for your site.

- Multiple branch canopy options to aesthetically simulate natural pine trees in different geographical locations.
- Pine foliage is UV-resistant, designed to stand up to the rigors of prolonged outdoor exposure.
- Foliage available in different colors and diameters to emulate different trees.
- Features Ultraflex® bark, a specially formulated exterior grade epoxy composite to simulate tree bark on monotree camouflage towers.
- Can be finished with realistic bark, brown paint, or camouflage paint.
- Ultraflex bark is a specially formulated exterior grade epoxy composite to simulate tree bark on monotree camouflage towers.
- RF-friendly Larson Antenna Socks are vital to camouflage antennas within the canopy of the tree & the addition of Larson Antenna Branches can create complete concealment.
- RRU Socks are also available to help equipment blend into the canopy.

SKU	Steel Height	Branch Type	Branch Density	Branch Start Height	Pole Finish
LCMT-1C1I0E147G3PIN2.25C99POSFNTDWNP	147'	Standard	2.25 BPF	99'	Paint Only
LCMT-2C1I0E71G2PIN3.40C15FBSFSTSWNP	71'	Premium	3.40 BPF	15'	Full Faux Bark
LCMT-2C1I0E80G3PIN3.00C20PBSFNTSWNP	80'	Standard	3.00 BPF	20'	Partial Faux Bark
LCMT-2C2I0E59G2PIN4.00C15FBSFNTSWNP	59'	Premium	4.00 BPF	15'	Full Faux Bark
LCMT-3C1I0E125G3PIN3.50C15PBSFNTSWNP	125'	Standard	3.50 BPF	15'	Partial Faux Bark

Mono-Cypress Trees

Our Cypress Tree designs can be co-locatable. Larson tree designs allow each tenant to position their arrays at any azimuth as well as accommodate larger antenna arrays.

- Trees can be finished with realistic bark, painted brown, or camouflage.
- Larson Ultraflex bark is a specially formulated exterior grade epoxy composite to simulate tree bark on monotree camouflage towers.
- Unparalleled in strength, flexibility, and durability by means of extensive laboratory testing, including EMMAQUA-NTW method, environmental freeze/ thaw cycle testing, flexural elongation, and tensile strength testing.
- Painted with multiple colors and washes to create a natural appearance.
- A proprietary blend that is applied wet, directly to the pole and then hand textured and will not peel or delaminate like sheet bark.
- We provide engineering and design expertise as well as a broad understanding of telecom requirements.
- Design assistance in Photo Simulations and 3D renderings.
- RF friendly materials yield extremely low insertion and return loss properties.

SKU	Steel Height	Branch Density	Branch Start Height	Pole Finish
LCMT-2C2I0E4400CYPSKC10PBSF000000	44'	Cypress Skirt	10'	Partial Faux Bark
LCMT-2C2I0E6500CYPSKC10PBSF000000	65'	Cypress Skirt	10'	Partial Faux Bark

Mono-Elm/Broadleaf Trees

Our Elm Tree designs can be co-locatable, and deliver aesthetically pleasing naturalistic branch canopies. Larson tree designs allow each tenant to position their arrays at any azimuth as well as accommodate larger antenna arrays.

- Broadleaf tree designs can be co-locatable, and deliver aesthetically pleasing naturalistic branch canopies.
- With unique features like antenna Branches and matching antenna “socks,” the antennas are virtually invisible.
- Tree foliage is a realistic representation of naturally occurring foliage with in depth details such as insect damage, veins, and texture.
- Elm foliage is made of a UV stabilized polyethylene (PE) plastic to preserve color
- Trees can be finished with realistic bark, painted brown, or camouflage.
- Larson Ultraflex bark is a specially formulated exterior grade epoxy composite to simulate tree bark on monotree camouflage towers.
- RF-friendly Larson Antenna Socks are vital to camouflage antennas within the canopy of the tree & the addition of Larson Antenna Branches can create complete concealment.
- RF friendly materials yield extremely low insertion and return loss properties.

SKU	Steel Height	Branch Type	Branch Density	Branch Start Height	Pole Finish
LCMT-1C1I0E60G2ELM4.00C15FBSFNTSWNP	60'	Premium	4.00 BPF	15'	Full Faux Bark
LCMT-2C2I0E42G2ELM3.50C15CPSFNTSWNP	42'	Premium	3.50 BPF	15'	Camouflage Paint
LCMT-3C1I0E65G3ELM2.50C15PBSFNTSWNP	65'	Standard	2.50 BPF	15'	Partial Faux Bark
LCMT-3C1I1E50G3ELM4.00C12PBSFNTSWNP	50'	Standard	4.00 BPF	12'	Partial Faux Bark

Mono-Euc Trees

Our Eucalyptus Tree concealment solutions offer multiple different branch types, antenna socks, RRU socks, and bark types to provide a natural aesthetic for your site.

- With unique features like antenna Branches and matching antenna “socks,” the antennas are virtually invisible.
- Tree foliage is a realistic representation of naturally occurring foliage with in depth details such as insect damage, veins, and texture.
- Eucalyptus foliage is made of a UV stabilized polyethylene (PE) plastic to preserve color
- Trees can be finished with realistic bark, painted brown, or camouflage.
- Larson Ultraflex bark is a specially formulated exterior grade epoxy composite to simulate tree bark on monotree camouflage towers.
- RF-friendly Larson Antenna Socks are vital to camouflage antennas within the canopy of the tree & the addition of Larson Antenna Branches can create complete concealment.
- RRU Socks are also available to help equipment blend into the canopy.
- Eucalyptus trees can be designed with a cost effective single main trunk in order to customize their appearance to satisfy jurisdictional requirements.

SKU	Steel Height	Branch Type	Branch Density	Branch Start Height	Pole Finish
LCMT-2C1I0E59G3EUC4.20C18FBSFNTSWNP	59'	Standard	4.20 BPF	18'	Full Faux Bark
LCMT-2C1I0E77G3EUC3.50C15FBSFNTSWNP	77'	Standard	3.50 BPF	15'	Full Faux Bark
LCMT-3C1I0E65G2EUC3.60C15PBSFNTSWNP	65'	Premium	3.60 BPF	15'	Partial Faux Bark

Mono-Palm Trees

Our Palm Tree concealment solutions offer multiple different palm frond lengths, antenna socks, RRU concealment options, & bark types to provide a natural aesthetic for your site.

- Date palm frond features 7', 9' and 10' date frond lengths available in two colors to simulate live or dead fronds. They are fabricated from strong but flexible HDPE "leaves" over a high strength fiberglass core. They are also integrally colored and UV-protected for lasting durability and are designed and tested to withstand 120 MPH winds.
- Date palm frond safety tethers are available in single or double tether fronds to ensure safety and are designed to provide a second level of security to keep Branches attached to the structure in the case of unforeseen breakage.
- Pineapple or frond balls are available as decorative or functional accessories with Functional pineapples that can be used to conceal antennas, RRUs, other equipment, or all of the above. They can be retrofit on existing mono-palm sites for co-location.
- Proprietary Porcu-palm Mount ("PPM") system can be used to convert existing plain monopole into a mono-palm, add fronds to an existing mono-palm, or make the mono-palm tower more flexible for future expansion.
- Pineapple and dead frond skirt concealment accessories available

SKU	Steel Height	Number of Fronds	Pole Finish
LCPT-1C1I0E55DP65FBNTSFSPSM	55'	65	Full Faux Bark
LCPT-2C1I0E65DP80FBNTSFSKSM	65'	80	Full Faux Bark

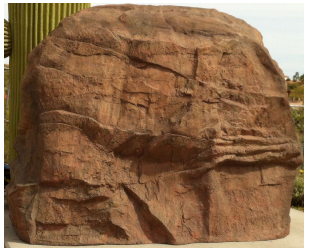
Saguaro Cacti

Our Saguaro Cactus concealment solutions offer fully concealed designs with the option of multiple arms to provide a natural aesthetic for your site.

- Cactus are available with or without arms. Arms can be either functional or decorative.
- Larson cacti have realistic woodpecker holes, scars, and needles painted into the structures.
- Cables, antennas, RF front end units, are all concealed internally.
- Passive or Active cooling systems and venting available (thermostat controls available).
- CFD and thermal analysis services available.
- RF friendly materials yield extremely low insertion and return loss properties.
- We provide engineering and design expertise as well as a broad understanding of telecom requirements.
- Design assistance with photo simulations and 3D renderings available.

SKU	Steel Height	Number of Arms	Concealment Height	Concealment Width	Concealment Depth
LCNP-1C1I0E34MPCA2350303NVGVSP	34'	2	35'	3'	3'

Boulders



Our Faux Boulder concealment solutions offer fully concealed designs for your ground mounted equipment, providing a natural aesthetic for your site.

- Cables, antennas, RF front end units, are all concealed internally.
- Passive or Active cooling systems and venting available (thermostat controls available).
- CFD and thermal analysis services available.
- RF friendly materials yield extremely low insertion and return loss properties.
- We provide engineering and design expertise as well as a broad understanding of telecom requirements.
- Design assistance with photo simulations and 3D renderings available.

SKU	Concealment Height	Concealment Width	Concealment Depth	Venting
LCNP-1C1I0E00GSBD040707AVNFST	4'	7'	7'	Active Venting
LCNP-1C1I0E00GSBD060503AVNFST	6'	5'	3'	Active Venting

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.

SKU	Type	Density	Length	Width	Weight
LCAS-72DP-SW	Palm	Shadow	6'	3'	3 lbs.
LCAS-72ELM-SWHF	Elm	Heavy	6'	3'	5 lbs.
LCAS-72ELM-SWSF	Elm	Standard	6'	3'	5 lbs.
LCAS-72ELM-XWHF	Elm	Heavy	6'	4'	6 lbs.
LCAS-72ELM-XWSF	Elm	Standard	6'	4'	6 lbs.
LCAS-72EUC-SWHF	Eucalyptus	Heavy	6'	3'	7 lbs.
LCAS-72EUC-SWSF	Eucalyptus	Standard	6'	3'	5 lbs.
LCAS-72EUC-XWHF	Eucalyptus	Heavy	6'	4'	8 lbs.
LCAS-72EUC-XWSF	Eucalyptus	Standard	6'	4'	6 lbs.
LCAS-72PIN-SWHF	Pine	Heavy	6'	3'	8 lbs.
LCAS-72PIN-SWSF	Pine	Standard	6'	3'	7 lbs.
LCAS-72PIN-XWHF	Pine	Heavy	6'	4'	9 lbs.
LCAS-72PIN-XWSF	Pine	Standard	6'	4'	7 lbs.
LCAS-96DP-SW	Palm	Shadow	8'	3'	3 lbs.
LCAS-96ELM-SWHF	Elm	Heavy	8'	3'	8 lbs.
LCAS-96ELM-SWSF	Elm	Standard	8'	3'	6 lbs.
LCAS-96ELM-XWHF	Elm	Heavy	8'	4'	10 lbs.
LCAS-96ELM-XWSF	Elm	Standard	8'	4'	7 lbs.
LCAS-96EUC-SWHF	Eucalyptus	Heavy	8'	3'	6 lbs.
LCAS-96EUC-SWSF	Eucalyptus	Standard	8'	3'	6 lbs.
LCAS-96EUC-XWHF	Eucalyptus	Heavy	8'	4'	8 lbs.
LCAS-96EUC-XWSF	Eucalyptus	Standard	8'	4'	8 lbs.
LCAS-96PIN-SWHF	Pine	Heavy	8'	3'	9 lbs.
LCAS-96PIN-SWSF	Pine	Standard	8'	3'	7 lbs.

Antenna Socks (Continued)

SKU	Type	Density	Length	Width	Weight
LCAS-96PIN-XWHF	Pine	Heavy	8'	4'	10 lbs.
LCAS-96PIN-XWSF	Pine	Standard	8'	4'	8 lbs.

RRU Socks

These products conceal radios within a foliated envelope while allowing airflow to prevent overheating.

- Integrated steel mounting frame attaches directly to antenna pipe and includes sock attachment ties.
- Mounting frame supplied with brown painted finish to blend with tree structure.
- UV-resistant for extended outdoor durability.

SKU	Type	Density	Length	Width	Weight
LCRS-36DP-SW	Palm	Shadow	3'	18"	16 lbs.
LCRS-36DP-XW	Palm	Shadow	3'	27"	17 lbs.
LCRS-36ELM-SWHF	Elm	Heavy	3'	18"	20 lbs.
LCRS-36ELM-SWSF	Elm	Standard	3'	18"	18 lbs.
LCRS-36ELM-XWHF	Elm	Heavy	3'	27"	22 lbs.
LCRS-36ELM-XWSF	Elm	Standard	3'	27"	20 lbs.
LCRS-36EUC-SWHF	Eucalyptus	Heavy	3'	18"	20 lbs.
LCRS-36EUC-SWSF	Eucalyptus	Standard	3'	18"	18 lbs.
LCRS-36EUC-XWHF	Eucalyptus	Heavy	3'	27"	20 lbs.
LCRS-36EUC-XWSF	Eucalyptus	Standard	3'	27"	20 lbs.
LCRS-36PIN-SWHF	Pine	Heavy	3'	18"	21 lbs.
LCRS-36PIN-SWSF	Pine	Standard	3'	18"	19 lbs.
LCRS-36PIN-XWHF	Pine	Heavy	3'	27"	23 lbs.
LCRS-36PIN-XWSF	Pine	Standard	3'	27"	21 lbs.
LCRS-48DP-SW	Palm	Shadow	4'	18"	16 lbs.
LCRS-48DP-XW	Palm	Shadow	4'	27"	18 lbs.
LCRS-48ELM-SWHF	Elm	Heavy	4'	18"	19 lbs.
LCRS-48ELM-SWSF	Elm	Standard	4'	18"	19 lbs.
LCRS-48ELM-XWHF	Elm	Heavy	4'	27"	10 lbs.
LCRS-48ELM-XWSF	Elm	Standard	4'	27"	21 lbs.
LCRS-48EUC-SWHF	Eucalyptus	Heavy	4'	18"	21 lbs.
LCRS-48EUC-SWSF	Eucalyptus	Standard	4'	18"	19 lbs.
LCRS-48EUC-XWHF	Eucalyptus	Heavy	4'	27"	22 lbs.
LCRS-48EUC-XWSF	Eucalyptus	Standard	4'	27"	22 lbs.

RRU Socks (Continued)

SKU	Type	Density	Length	Width	Weight
LCRS-48PIN-SWHF	Pine	Heavy	4'	18"	22 lbs.
LCRS-48PIN-SWSF	Pine	Standard	4'	18"	20 lbs.
LCRS-48PIN-XWHF	Pine	Heavy	4'	27"	22 lbs.
LCRS-48PIN-XWSF	Pine	Standard	4'	27"	23 lbs.

Architectural Concealment

Architectural concealment solutions are designed to integrate wireless infrastructure into the built environment with a clean, intentional appearance. They help support network expansion in urban and design-sensitive settings while maintaining site functionality.

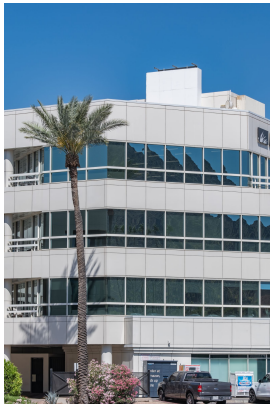
Parapet Panels

Our Parapet Panel concealment solutions offer innovation, quality design, planning and engineering to your site, whether they require simple or complex solutions.

- All products are custom designed and built.
- We offer two different types of panel systems: Cost effective, environmentally friendly EnviroFlex® panel system for flat applications and structurally integrated custom molded panels for more complex applications (includes V-Rib horizontal and vertical stiffeners) that can be easily assembled.
- Projects can be painted and finished to customer specifications. Common textures are brick, stucco, wood, concrete block, dressed stone, and split faced block. Other textures are available and molds can be taken onsite or sculpted.
- Cost effective conventional materials can be incorporated in non-RF areas with minimal visual impact.
- We offer engineering and design expertise as well as a broad understanding of telecom requirements.
- Design assistance with photo simulations and 3D renderings available.
- RF friendly materials yield extremely low insertion and return loss properties.
- Ability to conceal multiple carriers with absolutely no equipment visible.

SKU	Concealment Height	Concealment Width	Concealment Depth	Concealment Finish
LCAP-1C1I0E00ESFS080503NVNFNF	8'	5'	3'	Paint Only
LCAP-1C1I0E00ESFS082020NVNFPO	8'	20'	20'	Paint Only
LCAP-1C1I0E00ESMS093414NVNFBR	9'	34'	14'	Faux Brick/Block
LCAP-1C1I0E00ESMS102020NVNFPO	10'	20'	20'	Paint Only
LCAP-1C1I0E10ESMS131212NVGOBR	13'	12'	12'	Brick

Wall-Mounted Boxes, Enclosures and Inserts



Our Architectural concealment solutions offer innovation, quality design, planning and engineering to your site, whether they require simple or complex solutions.

- All products are custom designed and built.
- We offer two different types of panel systems: Cost effective, environmentally friendly EnviroFlex® panel system for flat applications and structurally integrated custom molded panels for more complex applications (includes V-Rib horizontal and vertical stiffeners) that can be easily assembled.
- Projects can be painted and finished to customer specifications. Common textures are brick, stucco, wood, concrete block, dressed stone, and split faced block. Other textures are available and molds can be taken onsite or sculpted.
- Cost effective conventional materials can be incorporated in non-RF areas with minimal visual impact.
- We offer engineering and design expertise as well as a broad understanding of telecom requirements.
- Design assistance with photo simulations and 3D renderings available.
- RF friendly materials yield extremely low insertion and return loss properties.
- Ability to conceal multiple carriers with absolutely no equipment visible.

SKU	Concealment Height	Concealment Width	Concealment Depth	Concealment Finish
LCAP-1C1I0E00ESFS100806NVNFST	10'	8'	6'	Stucco
LCAP-1C1I0E00ESWB060201NVNFBR	6'	2'	1'	Brick
LCAP-1C1I0E00ESWB060202NVNFBR	6'	2'	2'	Brick
LCAP-1C1I0E00ESWB080101NVNFBR	8'	1'	1'	Brick
LCAP-1C1I0E00ESWB121303NVNFPO	12'	13'	3'	Paint Only

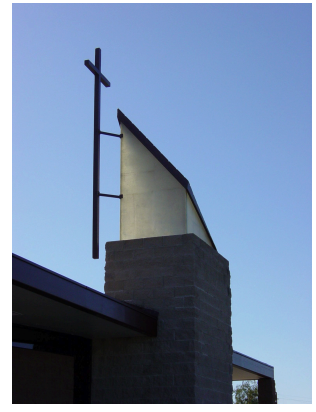
Rooftop Clock

Our Cupola concealment solutions offer innovation, quality design, planning and engineering to your site, whether they require simple or complex solutions.

- All products are custom designed and built.
- We offer two different types of panel systems: Cost effective, environmentally friendly EnviroFlex® panel system for flat applications and structurally integrated custom molded panels for more complex applications (includes V-Rib horizontal and vertical stiffeners) that can be easily assembled.
- Projects can be painted and finished to customer specifications. Common textures are brick, stucco, wood, concrete block, dressed stone, and split faced block. Other textures are available and molds can be taken onsite or sculpted.
- Cost effective conventional materials can be incorporated in non-RF areas with minimal visual impact.
- We offer engineering and design expertise as well as a broad understanding of telecom requirements.
- Design assistance with photo simulations and 3D renderings available.
- RF friendly materials yield extremely low insertion and return loss properties.
- Ability to conceal multiple carriers with absolutely no equipment visible.

SKU	Steel Height	Concealment Height	Concealment Width	Concealment Depth	Concealment Finish
LCAP-1C1I0E10ESCT4F121212NVGOPO	10'	12'	12'	12'	Paint Only

Steeples



Our Steeple concealment solutions offer innovation, quality design, planning and engineering to your site, whether they require simple or complex solutions.

- All products are custom designed and built.
- We offer two different types of panel systems: Cost effective, environmentally friendly EnviroFlex® panel system for flat applications and structurally integrated custom molded panels for more complex applications (includes V-Rib horizontal and vertical stiffeners) that can be easily assembled.
- Projects can be painted and finished to customer specifications. Common textures are brick, stucco, wood, concrete block, dressed stone, and split faced block. Other textures are available and molds can be taken onsite or sculpted.
- Cost effective conventional materials can be incorporated in non-RF areas with minimal visual impact.
- We offer engineering and design expertise as well as a broad understanding of telecom requirements.
- Design assistance with photo simulations and 3D renderings available.
- RF friendly materials yield extremely low insertion and return loss properties.
- Ability to conceal multiple carriers with absolutely no equipment visible.

SKU	Concealment Height	Concealment Width	Concealment Depth	Concealment Finish
LCAP-1C1I0E00ESST100705NVNFPO	10'	7'	5'	Paint Only
LCAP-1C1I0E21ESST210404NVGVPO	21'	4'	4'	Paint Only

Clock Towers

We offer Clock Tower concealment solutions for multi-leg camouflage designs. Jurisdictional design challenges can be met with a simple and reliable tower designs for multi-leg based products.

- Clocks can be functional or decorative. Clocks mechanism can be made of RF friendly material.
- All products custom designed and built.
- We offer two different types of panel systems: Cost effective, environmentally friendly EnviroFlex® panel system for flat applications and structurally integrated custom molded panels for more complex applications (includes V-Rib horizontal and vertical stiffeners) that can be easily assembled.
- Tower designs can range from a simple industrial look to detailed architectural wood to fit into any rural, suburban, or urban environment.
- Accommodates multiple carriers with no equipment visible.
- Cost effective conventional materials can be incorporated in non-RF areas with minimal visual impact.
- Towers can be designed to match buildings or display their own unique look.
- Design assistance with photo simulations and 3D renderings available.

SKU	Steel Height	Number of Legs	Concealment Height	Concealment Width	Concealment Depth
LCAP-3C1I0E90ML3CT3F381009NVPOPO	90'	3	38'	10'	9'
LCAP-1C1I0E30ML4CT4F131414NVBRBR	30'	4	13'	14'	14'
LCAP-3C1I0E80ML4CT4F301313PVPOPO	80'	4	30'	13'	13'

Cupolas

Our Cupola concealment solutions offer innovation, quality design, planning and engineering to your site, whether they require simple or complex solutions.

- All products are custom designed and built.
- We offer two different types of panel systems: Cost effective, environmentally friendly EnviroFlex® panel system for flat applications and structurally integrated custom molded panels for more complex applications (includes V-Rib horizontal and vertical stiffeners) that can be easily assembled.
- Projects can be painted and finished to customer specifications. Common textures are brick, stucco, wood, concrete block, dressed stone, and split faced block. Other textures are available and molds can be taken onsite or sculpted.
- Cost effective conventional materials can be incorporated in non-RF areas with minimal visual impact.
- We offer engineering and design expertise as well as a broad understanding of telecom requirements.
- Design assistance with photo simulations and 3D renderings available.
- RF friendly materials yield extremely low insertion and return loss properties.
- Ability to conceal multiple carriers with absolutely no equipment visible.

SKU	Concealment Height	Concealment Width	Concealment Depth	Venting	Concealment Finish
LCAP-1C1I0E00ESCP050909PVNFPO	5'	9'	9'	Passive Venting	Paint Only
LCAP-1C1I0E00ESCP181818NVNFST	18'	18'	18'	Non Vented	Stucco
LCAP-1C1I0E19ESCP191515PVPOPO	19'	15'	15'	Passive Venting	Paint Only

Chimneys

Our Chimney concealment solutions offer innovation, quality design, planning and engineering to your site, whether they require simple or complex solutions.

- All products are custom designed and built.
- We offer two different types of panel systems: Cost effective, environmentally friendly EnviroFlex® panel system for flat applications and structurally integrated custom molded panels for more complex applications (includes V-Rib horizontal and vertical stiffeners) that can be easily assembled.
- Projects can be painted and finished to customer specifications. Common textures are brick, stucco, wood, concrete block, dressed stone, and split faced block. Other textures are available and molds can be taken onsite or sculpted.
- Cost effective conventional materials can be incorporated in non-RF areas with minimal visual impact.
- We offer engineering and design expertise as well as a broad understanding of telecom requirements.
- Design assistance with photo simulations and 3D renderings available.
- RF friendly materials yield extremely low insertion and return loss properties.
- Ability to conceal multiple carriers with absolutely no equipment visible.

SKU	Concealment Height	Concealment Width	Concealment Depth	Venting	Concealment Finish
LCAP-1C1I0E00ESCH100606NVNFPO	10'	6'	6'	Non Vented	Paint Only
LCAP-1C1I0E00ESCH132204PVNFST	13'	22'	4'	Passive	Stucco
LCAP-1C1I0E10ESCH100202NVGVBR	10'	2'	2'	Non Vented	Brick
LCAP-1C1I0E11ESCH100505NVGVPO	10'	5'	5'	Non Vented	Paint Only

Signage Concealment

We offer a full range of custom concealment solutions for Distributed Antenna Systems (DAS) network. Whether developing natural landscape sites, high traffic urban sites, or venue sites, we provide camouflage networks that provide optimal performance and seamlessly blend into their environments.

- All products are custom designed and built.
- We offer two different types of panel systems: Cost effective, environmentally friendly EnviroFlex® panel system for flat applications and structurally integrated custom molded panels for more complex applications (includes V-Rib horizontal and vertical stiffeners) that can be easily assembled.
- Projects can be painted and finished to customer specifications. Detailed graphics, wraps, and RF friendly signage capabilities are available.
- Cost effective conventional materials can be incorporated in non-RF areas with minimal visual impact.
- We offer engineering and design expertise as well as a broad understanding of telecom requirements.
- Design assistance with photo simulations and 3D renderings available.
- RF friendly materials yield extremely low insertion and return loss properties.
- Ability to conceal multiple carriers with absolutely no equipment visible.

SKU	Concealment Height	Concealment Width	Concealment Depth	Concealment Finish
LCAP-1C1I0E00ESWB040801NVNFVW	4'	8'	1'	Vinyl Wrap

Water Tank Poles

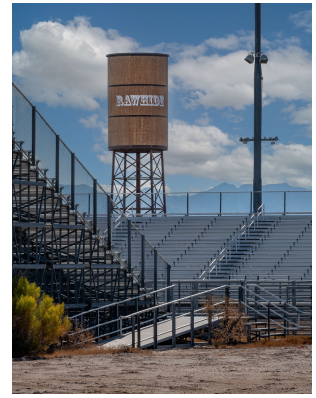
We offers a variety of standalone monopole based concealment structures, including Water Tanks. Jurisdictional design challenges can be met with a simple, reliable, monopole based product.

- Capacity for multiple carriers with no equipment visible.
- Coaxial cable or fiber lines can be concealed within the legs or a central stand pipe. Legs can be round or square tube construction.
- County, town, or development signage and lettering can be added as a popular option to the water tank look.
- Hot dipped galvanized poles can be painted or powder coated, and also available in Corten steel.
- We provide engineering and design expertise as well as a broad understanding of telecom requirements.
- Design assistance with photo simulations and 3D renderings available.

SKU	Steel Height	Number of Sides	Concealment Height	Concealment Diameter	Concealment Finish
LCAP-2C1I0E65MPWT251818NVPOPO	65'	Round	25'	18'	Paint Only

Water Tank Towers

We offer Water Tank concealment solutions for multi-leg camouflage designs. Jurisdictional design challenges can be met with a simple and reliable tower designs for multi-leg based products.



- Blends into rural spaces as natural landmarks with true wood textures.
- Capacity for multiple carriers with no equipment visible.
- We construct panels with textures integral to the fiberglass itself, ensuring the most realistic, long-lasting product with optimal RF-compatibility.
- The tank and tower structure designs can range from a simple industrial look to detailed architectural wood.
- Coaxial cable or fiber lines can be concealed within the legs or a central stand pipe. Legs can be round or square tube construction.
- RF-friendly materials yield extremely low insertion and return loss properties.
- Passive or active cooling systems and venting available.
- County, town, or development signage and lettering can be added as a popular option to the water tank look.

SKU	Steel Height	Number of Legs	Concealment Height	Concealment Diameter	Venting	Concealment Finish
LCAP-1C1I0E36ML4WT161717NVPOSP	36'	4	16'	17'	Non Vented	Stenciled Paint
LCAP-1C1I0E51ML4WT121313NVPOSP	51'	4	12'	13'	Non Vented	Stenciled Paint
LCAP-1C1I0E51ML4WT141212NVPOSP	51'	4	14'	12'	Non Vented	Stenciled Paint
LCAP-3C1I0E82ML4WT322020PVPOSP	82'	4	32'	20'	Passive Venting	Stenciled Paint

Bell Towers

We offer Bell Tower concealment solutions for multi-leg camouflage designs. Jurisdictional design challenges can be met with a simple and reliable tower designs for multi-leg based products.

- All products are custom designed and built.
- We offer two different types of panel systems: Cost effective, environmentally friendly EnviroFlex® panel system for flat applications and structurally integrated custom molded panels for more complex applications (includes V-Rib horizontal and vertical stiffeners) that can be easily assembled.
- Accommodates multiple carriers with no equipment visible.
- Cost effective conventional materials can be incorporated in non-RF areas with minimal visual impact.
- Towers can be designed to match buildings or display their own unique look.
- Coaxial cable or fiber lines can be concealed within the legs or a central stand pipe. Legs can be round or square tube construction.
- Design assistance with photo simulations and 3D renderings available.
- RF-friendly signage capabilities for all kinds of implementations.

SKU	Steel Height	Number of Legs	Concealment Height	Concealment Width	Concealment Depth
LCAP-1C1I0E40ML3BT101412NVPOST	40'	3	10'	14'	12'
LCAP-1C1I0E50ML4BT301010NVPOPO	50'	4	30'	10'	10'
LCAP-1C1I0E57ML3BT101102NVPOPO	57'	3	10'	11'	2'
LCAP-4C1I0E125ML4BT441010NVPOPO	125'	4	44'	10'	10'

Flag Poles

We offers a variety of standalone monopole based concealment structures, including Flag Poles. Jurisdictional design challenges can be met with a simple, reliable, monopole based product.

- Clean, slick designs are customizable and available in straight or tapered steel.
- Hot dipped galvanized poles can be powder coated or painted.
- Cables, antennas, RF front end units, are all concealed internally.
- Passive or Active cooling systems and venting available (thermostat controls available).
- CFD and thermal analysis services available.
- Unique RF friendly tongue and groove canister design, solves vertical seam separation issues.
- Bisected or trisected designs accommodate different antenna configurations.
- Slim-line flagpole design helps in suburban jurisdictions accommodate different flag styles.

SKU	Steel Height	Concealment Height	Concealment Diameter	Pole Finish	Venting	Concealment Finish
LCAP-1C1I0E50MPFP200303NVPOPO	50'	20'	3'	Paint Only	Non Vented	Paint Only
LCAP-1C1I0E65MPFP310303AVPOPO	65'	31'	3'	Paint Only	Active Venting	Paint Only
LCAP-6C6I0E142MPFP660404NVPOPO	142'	66'	4'	Paint Only	Non Vented	Paint Only

Lampshade Poles

We offers a variety of standalone monopole based concealment structures, including Lampshades. Jurisdictional design challenges can be met with a simple, reliable, monopole based product.

- Architectural form factors conceal standard platform based equipment.
- Antennas and radios are easily accessible similar to standard monopoles via safety climb.
- RF friendly materials yield extremely low insertion and return loss properties.
- Hot dipped galvanized poles can be painted or powder coated, and also available in Corten steel.
- Cables, antennas, RF front end units, are all concealed internally.
- Modern artistic form factors- Lampshade.
- All RF surfaces are able to display lettering, logos, insignias, etc.
- Design assistance with photo simulations and 3D renderings available.

SKU	Steel Height	Number of Sides	Concealment Height	Concealment Width	Concealment Depth	Concealment Finish
LCAP-2C1I0E75MPLP1201616NVPTPO	75'	Round	20'	16'	16'	Paint Only
LCAP-3C1I0E80MPCT4F101816NVPOPO	80'	4	10'	18'	16'	Paint Only
LCAP-3C1I0E80MPLP6101405NVPOPO	80'	6	10'	14'	5'	Paint Only
LCAP-3C2I0E65MPLP6201403NVGVPO	65'	6	20'	14'	3'	Paint Only
LCAP-4C1I0E100MPCL1321616NVNFPO	100'	Round	32'	16'	16'	Paint Only

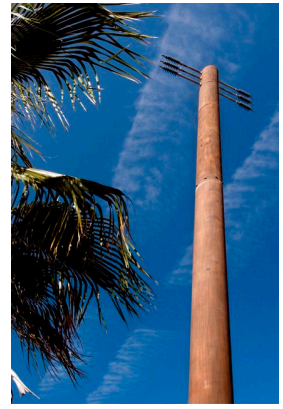
Slimline Monopoles

We offers a variety of standalone monopole based concealment structures. Jurisdictional design challenges can be met with a simple, reliable, monopole based product.

- Clean, slick designs are customizable and available in straight or tapered steel.
- Hot dipped galvanized poles can be powder coated or painted.
- Cables, antennas, RF front end units, are all concealed internally.
- Passive or Active cooling systems and venting available (thermostat controls available).
- CFD and thermal analysis services available.
- Unique RF friendly tongue and groove canister design, solves vertical seam separation issues.
- Bisected or trisected designs accommodate different antenna configurations.
- FRP finishes may include painted, textured, faux wood, faux concrete.

SKU	Steel Height	Concealment Height	Concealment Diameter	Pole Finish	Concealment Finish
LCAP-1C1I0E30MPSC060202NVPOPO	30'	6'	2'	Paint Only	Paint Only

Slimline Small Cell Poles



We offers a variety of standalone monopole based concealment structures. Jurisdictional design challenges can be met with a simple, reliable, monopole based product.

- Clean, slick designs are customizable and available in straight or tapered steel.
- Hot dipped galvanized poles can be powder coated or painted.
- Cables, antennas, RF front end units, are all concealed internally.
- Passive or Active cooling systems and venting available (thermostat controls available).
- CFD and thermal analysis services available.
- Unique RF friendly tongue and groove canister design, solves vertical seam separation issues.
- Bisected or trisected designs accommodate different antenna configurations.
- FRP finishes may include painted, textured, faux wood, faux concrete.

SKU	Steel Height	Concealment Height	Concealment Diameter	Concealment Finish
LCAP-1C1I0E77MPSL460404NVSPSP	77'	46'	4'	Stenciled Paint

Faux Concrete Small Cell Structures

We offer a variety of standalone Small Cell concealment structures. Jurisdictional design challenges can be met with a simple, reliable design.

- Clean, slick designs are customizable and available in straight or tapered steel.
- Hot dipped galvanized poles can be powder coated or painted.
- Cables, antennas, RF front end units, are all concealed internally.
- Passive or Active cooling systems and venting available (thermostat controls available).
- CFD and thermal analysis services available.
- FRP finishes may include painted, textured, faux wood, faux concrete.
- Design assistance with photo simulations and 3D renderings available.
- Detailed graphics, wraps, and RF friendly signage capabilities are available.

SKU	Steel Height	Concealment Height	Concealment Width	Concealment Depth	Venting	Pole Finish
LCAP-1C1I0E25MPSC121201AVPOPO	25'	12'	12'	1'	Active Venting	Paint Only
LCAP-1C1I0E30MPSC000000NVAGNF	30'				Non Vented	Aggregate Stone

Grain Silos

We offer Grain Silos concealment solutions for multi-leg camouflage designs. Jurisdictional design challenges can be met with simple and reliable tower structures for multi-leg based products.

- All products are custom designed and built.
- We offer two different types of panel systems: Cost effective, environmentally friendly EnviroFlex® panel system for flat applications and structurally integrated custom molded panels for more complex applications (includes V-Rib horizontal and vertical stiffeners) that can be easily assembled.
- Accommodates multiple carriers with no equipment visible.
- Cost effective conventional materials can be incorporated in non-RF areas with minimal visual impact.
- We offer engineering and design expertise as well as a broad understanding of telecom requirements.
- Design assistance with photo simulations and 3D renderings available.
- RF friendly materials yield extremely low insertion and return loss properties.

SKU	Steel Height	Number of Legs	Concealment Height	Concealment Diameter	Concealment Finish
LCAP-1C1I0E55ML1GS102424NVGVST	55'	1	10'	24'	Stucco
LCAP-3C1I0E38ML1GS401919NVGVPO	38'	1	40'	19'	Paint Only

Marquis Towers

We offer Marquis Tower concealment solutions for multi-leg camouflage designs. Jurisdictional design challenges can be met with a simple and reliable tower designs for multi-leg based products.

- All products custom designed and built.
- We offer two different types of panel systems: Cost effective, environmentally friendly EnviroFlex® panel system for flat applications and structurally integrated custom molded panels for more complex applications (includes V-Rib horizontal and vertical stiffeners) that can be easily assembled.
- Tower designs can range from a simple industrial look to detailed architectural wood to fit into any rural, suburban, or urban environment.
- Accommodates multiple carriers with no equipment visible.
- Cost effective conventional materials can be incorporated in non-RF areas with minimal visual impact.
- Towers can be designed to match buildings or display their own unique look.
- Design assistance with photo simulations and 3D renderings available.
- Detailed graphics, wraps, and RF friendly signage capabilities are available.

SKU	Steel Height	Number of Legs	Concealment Height	Concealment Width	Concealment Depth
LCAP-2C1I0E50ML4MN201414NVGVPO	50'	4	20'	14'	14'
LCAP-3C2I0E90ML4MN101414NVPOPO	90'	4	10'	14'	14'
LCAP-4C1I0E75ML6MN420909NVGVPO	75'	6	42'	9'	9'

Fire & Observation Towers

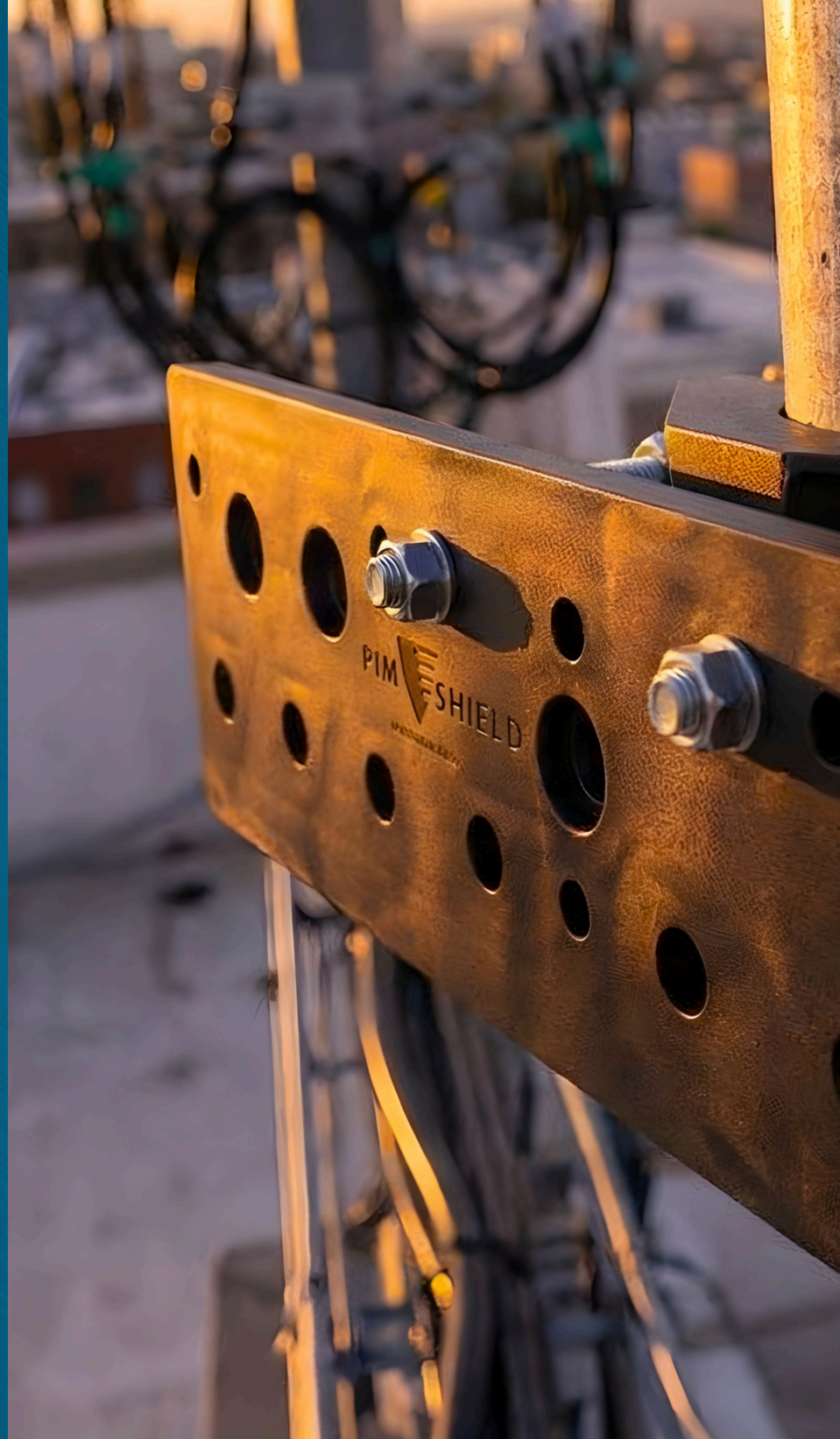
We offer Fire Watch Tower concealment solutions for multi-leg camouflage designs. Jurisdictional design challenges can be met with a simple and reliable tower designs for multi-leg based products.

- Capacity for multiple carriers with no equipment visible.
- Fire watch towers can be designed to match fire houses, buildings, or display their own unique look.
- Coaxial cable or fiber lines can be concealed within the legs or a central stand pipe. Legs can be round or square tube construction.
- Depending on equipment required, the structures can house radio units, TMA's, or any other support equipment for the site.
- Design assistance with photo simulations and 3D renderings available.

SKU	Steel Height	Number of Legs	Concealment Height	Concealment Width	Concealment Depth	Steel Finish
LCAP-1C1I0E148ML4FT101414NVGVST	148'	4	10'	14'	14'	Galvanized Only
LCAP-1C1I0E60ML3FT000000NVPONF	60'	3				Paint Only
LCAP-2C1I0E80ML4FT000NVPONF	80'	4				Paint Only

Interference Mitigation Solutions

Our interference mitigation solutions help improve network performance by reducing unwanted RF interaction and supporting cleaner signal environments. These products are designed for applications where reliability, signal integrity, and site performance are essential.



PIM Shield® Gen 2 Snap-Ins

PIM Shield® Gen 2 Snap-Ins deliver a major upgrade in both PIM mitigation and install speed for demanding RF environments. Molded from UV-stable, glass-filled polymer, they hold up outdoors while remaining inherently PIM-free. The Gen 2 design is built for effortless, one-handed, tool-free installation, with an expanded insertion zone that makes securing 4–11 mm cables fast and consistent.

- Designed to snap into support bars or compatible accessories (sold separately) that are 0.118"–0.160" thick with 0.71"–0.76" diameter mounting holes.
- UV-stable, glass-filled polymer (nylon) engineered to resist the breakage common in competitive designs.

SKU	Cable Diameter	Height	Length	Width	Qty.
PSPS-0411-10	4 - 11 mm	31 mm (1.22")	30 mm (1.18")	36 mm (1.42")	10
PSPS-1017-10	10 - 17 mm	31 mm (1.22")	30 mm (1.18")	36 mm (1.42")	10

PIM Shield® Polymer Cable Support Bars

PIM Shield® Polymer Cable Support Bars are engineered to maximize PIM mitigation. By using polymer components at both the support bar and the pole attachment points, the system helps reduce common sources of unwanted signal interference.

- Designed to minimize metal-to-metal contact at the mounting interface
- Gen 2 Snap-ins snap easily into the bar's molded holes to create a fully non-metallic cable-retention interface, eliminating metal clips, straps, or contact surfaces at the cable attachment points
- Designed to maintain a consistent position, helping reduce micro-motion at the mount interface, which can cause interference
- The bar layout supports repeatable placement so installs stay clean through adds, swaps, and sector upgrades

SKU	Description	Range	Positions	Qty.
902053-01	Standard Bar & Clamps	10"	13	1
902053-02	Extended Range Bar & Clamps	18"	13	1
902055-02-3	Extended Range Bar & Clamps	18"	2	3

PIM Shield® RF Safety Signs

The PIM Shield® RF Safety Sign Support provides a low passive intermodulation method for securing metal or plastic RF Safety signs in high-risk PIM zones.

- Low-PIM solutions for securing RF Safety Signs in high-risk PIM zones and high-power rooftop sites
- Meets FCC requirements for RF safety signage at cell sites
- PIM Performance: IM3 <-100 dBm (tested per IEC 62037-8, near field test, 2x 20W test tones)
- Multiple mounting options: flat surfaces, round members, or freestanding barrier stands
- UV stable materials including glass filled Nylon, Polyurethane, and Acetal components

SKU	Description
901031	PIM Shield RF Safety Sign Support, Qty. 10
901034	PIM Shield RF Safety Sign Support Kit
901706	Kit, RF Safety Sign Support, Round or Flat Mounting
901607	RF Safety Sign Stand

PIM Shield® Cable Support Block Conversion Kits

The PIM Shield® Cable Support Block Conversion Kit provides all the hardware needed to convert bar kit site packs into complete RF cable support systems using low-PIM cable support blocks.

- Supports RF cables ranging from 15mm to 17mm diameter
- Creates 4 cable support stacks per bar (6 bars per kit)
- PIM Performance: IM3 <-100 dBm (tested per IEC 62037-8, near field test, 2x 20W test tones)
- Glass filled Nylon cable support blocks and threaded rod insulators
- Includes 50 cable support block pairs and 30 threaded rod insulator pairs per kit

SKU	Description
901217-3	Cable Support Block Conversion Kits

PIM Shield® Button

PIM Shield® Buttons provide a low-PIM cable routing solution for organizing RF, fiber, power, and RET cables in high-risk PIM zones near base station antennas.

- Low PIM performance: IM3 <-100 dBm per IEC 62037-8 under dynamic stimulus
- Patented snap-in design fits standard 3/4" diameter holes
- UV-stable glass-filled nylon construction
- Operating temperature range: -40°C to +70°C
- Compatible with PIM Shield® Cable Support Straps and Support Bars (sold separately)

SKU	Color	Qty.
901738-10	Black	10

PIM Shield® Cable Cushions

PIM Shield® Cable Cushions fit inside ConcealFab® Hybrid Snap-ins to provide secure support for smaller diameter fiber, power, grounding, and RET cables. The inner spring fingers of the Hybrid Snap-in grip the cushion firmly, preventing it from dislodging during cable installation.

- UV-stable EPDM rubber construction
- Color coded for easy size identification
- Designed for use with PIM Shield® Hybrid Snap-ins
- Available in sizes for cables ranging from 4.5mm to 12.5mm

SKU	Color	Qty.	Cable Diameter (mm)
PSCC-1001-10	Blue	10	4.5 - 6.5
PSCC-1002-10	Gray	10	
PSCC-1003-10	Black	10	
PSCC-2001-10	Orange	10	
PSCC-2002-10	Black	10	
PSCC-2003-10	Gray	10	
PSCC-4001-10	Black	10	

PIM Shield® Cable Support Bar (4 Position, Plastic Base)

PIM Shield® Cable Support Bars provide a low passive intermodulation mounting system for securing multiple Hybrid Snap-ins in high-risk PIM zones. Each kit includes the cable support bar, plastic base, stainless steel threaded rod, and stainless steel hardware in one convenient package.

- Low-PIM mounting system for organizing cables in high-risk PIM zones
- Compatible with PIM Shield® Hybrid Snap-ins (sold separately)
- Kit includes cable support bar, plastic base, threaded rod, and stainless steel hardware
- Acetal mounting straps available separately (900443-16-50)
- PIM Performance: IM3 <-100 dBm (tested per IEC 62037-8, near field test, 2x 20W test tones)

SKU	Snap-In Mounting Holes	Qty.
901041	4" x 0.74"	10

PIM Shield® Cable Support Blocks

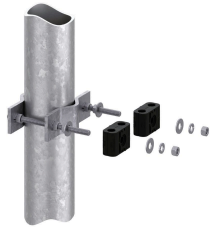
PIM Shield® Cable Support Blocks provide a low passive intermodulation method for securing RF, fiber, power, and RET cables in high-risk PIM zones. The two-piece clamshell design features insulated mating surfaces and mounts using 3/8-inch Threaded Rod Kits connected to low-PIM supports (sold separately).

- Low-PIM cable management for high-risk PIM zones
- Low-PIM cable management for high-risk PIM zones
- PIM Performance: IM3 <-100 dBm (tested per IEC 62037-8, near field test, 2x 20W test tones)
- UV-stable, glass-filled Polypropylene construction
- Operating temperature range: -40°C to +70°C
- Available in 11 sizes for cables ranging from 4.5mm to 52mm
- 10 Cable Support Blocks (20 halves) per package

SKU	Cable Diameter (mm)	Height	Length
PSCB-0405-10	4.5 – 5.5	16 mm (0.63 in)	42 mm (1.65 in)
PSCB-0608-10	6.0 – 8.0	20 mm (0.79 in)	51 mm (2.01 in)
PSCB-0809-10	8.0 – 9.0	20 mm (0.79 in)	51 mm (2.01 in)
PSCB-1011-10	10.0 – 11.0	20 mm (0.79 in)	51 mm (2.01 in)
PSCB-1213-10	12.0 – 13.0	27 mm (1.06 in)	60 mm (2.36 in)
PSCB-1314-10	13.0 – 14.0	27 mm (1.06 in)	60 mm (2.36 in)
PSCB-1517-10	15.5 – 17.0	27 mm (1.06 in)	60 mm (2.36 in)
PSCB-2123-10	21.0 – 23.0	37 mm (1.46 in)	84 mm (3.31 in)
PSCB-2728-10	27.0 – 28.0	37 mm (1.46 in)	84 mm (3.31 in)
PSCB-3940-10	39.0 – 40.0	54 mm (2.13 in)	108 mm (4.25 in)
PSCB-5052-10	50.0 – 52.0	66 mm (2.60 in)	133 mm (5.24 in)

PIM Shield® Cable Support Brackets

PIM Shield® Cable Support Brackets are a high strength, low PIM mounting system designed to secure Cable Support Blocks in high risk PIM zones.



- Low PIM
- Galvanized steel construction
- For pipes ranging from 2.38” to 3.5” diameter

SKU	Size	Qty.
9718-01-10	Small	10
9718-02-10	Small	10

PIM Shield® Cable Support Straps

PIM Shield® Cable Support Straps are low-PIM, high-strength Acetal straps designed to secure cable support brackets in high-risk PIM zones. These weather-resistant straps are provided pre-cut to length with locking heads already installed for fast, reliable field installation.

- Low-PIM construction for use in high-risk PIM zones
- UV-stable Acetal material for long-term outdoor durability
- High strength: >200 lb loop tensile strength at 70°C
- Pre-cut to length with locking heads pre-installed
- Compatible with PIM Shield® Cable Support Brackets and mounting systems

SKU	Length
900443-16-50	16"
900443-27-25	27"

PIM Shield® Threaded Rod Adapter

ConcealFab® PIM Shield Threaded Rod Adapter Kits were engineered to provide a low-PIM solution for securing Cable Support Blocks to galvanized steel mounts designed for snap-in cable hangers. These Threaded Rod Adapters enable standard 3/8" galvanized threaded hardware to be installed in 3/4" diameter galvanized steel mounting holes.

- Low PIM performance
- Galvanized steel construction
- Enables 3/8" threaded rods to be installed in snap-in mounting holes
- Sized to fit securely in holes with galvanization build-up

SKU	Material	Qty.
901295-10	Galvanized Steel	10

PIM Shield® Threaded Rod Kits

PIM Shield® Threaded Rod Kits deliver a low-PIM mounting solution designed to secure cables in high-risk PIM zones. For best corrosion resistance, galvanized steel threaded rod kits should only be installed with galvanized steel brackets or Channel Runners to help prevent galvanic corrosion.

- Low PIM performance for demanding PIM environments
- Galvanized steel construction for durability and long service life
- Available in 6.5" and 9" lengths

SKU	Qty.
900714-10	10 kits of 10
900715-10	10

PIM Shield® Hybrid Snap-Ins

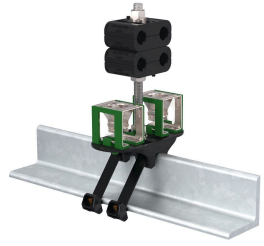
PIM Shield® Hybrid Snap-Ins provide a low passive intermodulation solution for securing RF, fiber, power, and RET cables in high-risk PIM zones. ConcealFab's patented design adds insulation at key mating surfaces to help prevent unwanted metal-to-metal contact that can contribute to PIM.

- Low PIM performance
- High-strength design
- Easy to install and re-position
- Sizes available for 13 mm to 52 mm cable diameters
- Optional cable cushions for smaller-diameter cables

SKU	Cable Diameter	Height	Length	Width	Qty.
PSHS-1319-10	13 - 19	40 mm (1.57")	40 mm (1.57")	36 mm (1.42")	10
PSHS-2630-10	26 - 30	40 mm (1.57")	40 mm (1.57")	36 mm (1.42")	10
PSHS-3642-10	36 - 42	75.3 mm (2.96")	40 mm (1.57")	62 mm (2.44")	10
PSHS-4852-10	48 - 52	75.3 mm (2.96")	40 mm (1.57")	62 mm (2.44")	10

PIM Shield® Multi-Function Mounting System

PIM Shield® Multi-Function Mounting System delivers a low-cost, low-PIM way to secure cables to round pipes or angle members at cell sites. This unique, patent-pending design uses molded-in attachment features to lock onto pipes or angle flanges, reducing hardware complexity and eliminating the need for multiple parts.



- Low PIM performance
- UV-stable, glass-filled nylon construction
- Mounts to angle or round members using low-PIM acetal straps
- Options available to support Snap-Ins and 3/8" threaded rod

SKU	Type
901043-10	Base
901044-10	1 Position
901045-10	2 Position

PIM Shield® Rail Channel Runner Kits

ConcealFab® PIM Shield® Rail Channel Runner Kits provide low-PIM interconnects for attaching threaded rods to the PIM Shield® Rail and for fastening the rail to site mounting brackets. Each Channel Runner incorporates molded plastic insulators that eliminate metal-to-metal contact between the rail and mounting hardware, helping reduce PIM risk at the interface.

- Low PIM performance
- UV-stable, glass-filled nylon insulators
- Available in galvanized steel and stainless-steel versions

SKU	Material	Threaded Rod Size	Length	Qty.
900360-10	Galvanized	M10	30 mm	10
900589-10	Stainless Steel	M10	30 mm	10
900711-10	Galvanized	M10	30 mm	10
900362-10	Stainless Steel	M10	30 mm	10

PIM Shield® Rail Material & Attachments

PIM Shield® Cable Support Rail is available in 6 ft lengths, allowing customers to build custom, low-PIM cable support and equipment-mounting frames at cell sites. Mounting brackets, cross kits, and channel runner hardware are available separately.

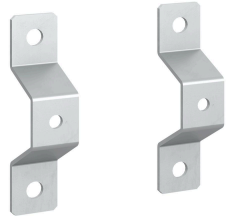
- Low PIM performance
- Lightweight, extruded aluminum H-channel
- Wall and pole mounting brackets available
- Cross kits available for horizontal and vertical rail connections

SKU	Description	Material
900363-6	Cable Support Rail, 6' (No Hardware)	6005A-T61, Extruded Aluminum
900358	Saddle Bracket Kit With Tabs	Galvanized
900588	Cross Kit	Stainless Steel

PIM Shield® Rail Wall Mount Brackets

PIM Shield® Wall Mount Brackets provide a low-PIM method for securing PIM Shield® Rails to walls and parapets at cell sites. Hardware for fastening the brackets to the wall is not included.

- Low PIM performance
- Galvanized steel construction
- Two formed wall mount brackets per kit



SKU	Description	Material
900361	Wall Mount Brackets	Galvanized

PIM Shield® Round Member Base

The PIM Shield® Round Member Base provides a low-PIM mounting point for 3/8" stainless-steel threaded rods in high-risk PIM zones. ConcealFab's patented design retains a 3/8" heavy-head stainless-steel nut inside the polymer base, creating a secure attachment point without unintended metal-to-metal interfaces.

- Low PIM performance
- UV-stable, glass-filled nylon construction
- Integrated stainless-steel inner nut
- Secures to round members using PIM Shield® Cable Support Straps

SKU	Color	Qty.
900209-10	Black	10

PIM Shield® Round Member Trapezoid

The PIM Shield® 3-position Trapezoid is an all-polymer, low-PIM alternative to stainless-steel trapezoids. It allows existing metal trapezoids to be swapped for a ConcealFab® low-PIM version without re-dressing cables at the site, saving time and helping minimize cable stress from bending and flexing.

- Low PIM performance
- UV-stable, glass-filled nylon construction
- Installs with ConcealFab® Cable Support Straps

SKU	Qty.
900860-10	10

PIM Shield® Snap-In Adapter, 5-Position

The PIM Shield® 5-position Snap-In Adapter provides a low-PIM mounting point for up to five stacks of snap-in style cable hangers in high-risk PIM zones. It is ideally suited for mounting to the flat side of angle members using two PIM Shield® Cable Support Straps.

- Low PIM performance
- UV-stable, glass-filled nylon construction
- Secures using PIM Shield® Cable Support Straps

SKU	Qty.
900945-10	10

PIM Shield® Snap-In Support, 13-Position

PIM Shield® 13-position Snap-In Support brackets provide a low-PIM mounting system for securing multiple Hybrid or Plastic Snap-Ins in high-risk PIM zones. Each kit includes all required hardware to mount the 13-position bar to galvanized steel poles.

- Low PIM performance
- Galvanized steel construction
- Lighter weight than competitive alternatives
- Expand capacity with the Extra Bar Kit for twice the number of connections

SKU	Description
900352-01	Support Bar, Pole Mount Kit, 13 Position
900352-02	Support Bar, Pole Mount Kit, 13 Position, Extended Range
900354	Extra Bar Kit, 13 Position
901166-02-3	Support Bar, Pole Mount Kit, 26 Position, Extended Range, 3 Pack

PIM Shield® Snap-In Support, 22-Position

The PIM Shield® 22-position Snap-In Support provides a low-PIM mounting system for securing multiple Hybrid or Plastic Snap-Ins in high-risk PIM zones. Each kit includes all required hardware to mount the 22-position bar to galvanized steel poles.

- Low PIM performance
- Galvanized steel construction
- Lighter weight than competitive alternatives
- Expand capacity with the Extra Bar Kit for twice the number of connections

SKU	Description
900353-01	Support Bar, Pole Mount Kit, 22 Position
900353-02	Support Bar, Pole Mount Kit, 22 Position, Extended Range
900355	Cable Support, Extra Bar Kit, 22 Position
901167-02-3	Support Bar, Pole Mount Kit, 44 Position, Extended Range, 3 Pack

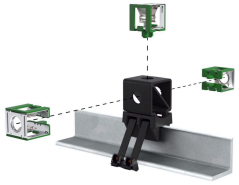
PIM Shield® Snap-In Support, 4-Position

The PIM Shield® 4-position Snap-In Support provides a low-PIM mounting adapter for securing multiple Hybrid or Plastic Snap-Ins in high-risk PIM zones. The 4-position adapter mounts to round members using a PIM Shield® Round Member Base and a stainless-steel threaded rod kit.

- Low PIM performance
- Stainless steel construction
- Secures using the PIM Shield® Round Member Base

SKU	Qty.
900351-10	10

PIM Shield® Universal Mounting System



The PIM Shield® Universal Mounting System provides a low-cost, low-PIM method for securing cables to round pipes or angle members at cell sites. This unique, patent-pending design features molded-in attachment points for secure mounting to pipes or angle flanges, reducing complexity and eliminating the need for multiple parts.

- Low PIM performance
- UV-stable, glass-filled nylon construction
- Mounts to angle or round members using low-PIM acetal straps
- Options available to support Snap-Ins and 3/8" threaded rod

SKU	Variant	Qty.
900638-10	Round Member Adapter	10
900639-10	Universal Base, Angle Adapter, 1/4"	10
900940-10	Universal Base, Angle Adapter, 3/8"	10
900712-10	Universal Base, Threaded Rod Adapter	10
900713-10	Snap-in Adapter Block, 3 Position	10

PIM Shield® Threaded Rod Insulator Kits

PIM Shield® Threaded Rod Insulator Kits were developed to provide a low-PIM way to secure Cable Support Blocks to mounts designed for snap-in style cable hangers. The insulators allow 3/8" threaded hardware to be installed in 3/4" diameter snap-in mounting holes while eliminating metal-to-metal contact between the threaded hardware and the mounting hole.

- Low PIM performance
- UV-stable, glass-filled nylon construction
- Enables 3/8" threaded rods to be installed in 3/4" diameter mounting holes
- Compatible with stainless-steel or galvanized threaded hardware

SKU	Qty.
901191-10	10
901191-50	50

PIM Shield® Stainless-Steel Threaded Rod Kits

PIM Shield® Threaded Rod Kits provide a low-PIM mounting solution for securing cables in high-risk PIM zones. To help prevent galvanic corrosion, stainless-steel threaded rod kits should only be attached to stainless-steel brackets or Channel Runners.

- Low PIM performance
- Stainless steel construction
- Available in 2", 6", 8", and 12" lengths

SKU	Length	Qty.
900210-10	2"	10
900211-10	6"	10
900212-10	8"	10
900381-10	12"	10

Connector Cleaning Tool

The connector cleaning tool is custom designed to help remove PIM generating metal dust and debris from RF connectors. The non-metallic tool is radiused on one end and cylindrical on the other end to easily push an alcohol wipe through all areas of both male and female RF connectors.

- Rugged, glass-filled nylon design
- Use with standard alcohol wipes
- Enables ability to clean narrow spaces inside RF connectors

SKU	Qty.
900644-10	10
900644-100	100

PIM Absorber Kits

The PIM Absorber kit bundle combines the essential components needed for site testing into a single part number. The kit includes ConcealFab's patent-pending Front Absorber Kit, a 1-inch thick Back Absorber Kit, and two soft cases for easy transport

- Combines essential components for site testing into a single part number
- Includes patent pending Front Absorber Kit and 1-inch thick Back Absorber Kit
- Two soft cases included for easy transport

SKU	Description
901728-BUNDLE	PIM Absorber Bundle, Large Antennas
901728	PIM Absorber Front Blanket Kit for Large Antennas
901125	PIM Absorber Kit, Back, 2-IN
901162	PIM Absorber, Back, 1-IN
901230	Absorber Kit Soft Case

PIM Blanket Kits

ConcealFab's PIM Blankets are temporary RF barriers that can be deployed to suppress PIM sources while mitigating PIM at cell sites. PIM blanket kits contain a useful assortment of PIM blankets inside a rugged transit case.

- Useful assortment of PIM blanket sizes
- Rugged transit case included
- Simplifies transit of PIM blankets to / from site
- Protects PIM blankets while not in use

SKU	Description	Transit Case
007640-KIT-101	PIM Blanket Kit, 2x 120x60, 2x 60x60, 2x 60x30, 2x 30x30	Small
007640-KIT-102	PIM Blanket Kit, 3x 120x60, 2x 60x60	Small
007640-KIT-103	PIM Blanket Kit, 4x 120x60	Small
007640-KIT-104	PIM Blanket Kit, 8x 60x60	Small
007640-KIT-201	PIM Blanket Kit, 4x 120x60, 4x 60x60, 4x 60x30, 4x 30x30	Large
007640-KIT-202	PIM Blanket Kit, 6x 120x60, 3x 60x60	Large
007640-KIT-203	PIM Blanket Kit, 5x 120x60, 5x 60x60	Large

PIM Blanket

ConcealFab's PIM Blankets are temporary RF barriers used to suppress PIM sources during the PIM Hunting process.

- Low PIM
- >30 dB PIM attenuation typical
- Integrated tie-down loops
- Durable and weatherproof

SKU	Description
007640-120060	120" x 60"
007640-060060	60" x 30"
007640-060030	60" x 30"
007640-030030	30" x 30"
007640-240008	240" x 8"

PIM Test Probe

ConcealFab's PIM Test Probe is used with test and measurement equipment to precisely locate external PIM sources in the field. Once PIM sources are identified, ConcealFab mitigation materials can be applied to help reduce PIM levels and improve site performance.

- 600 MHz to 4000 MHz frequency range
- Low PIM when exposed to RF radiation
- Rugged construction for field use

SKU	Frequency Range	RF Connector	Dimensions
007320-01	600 MHz to 4000 MHz	Type N (Female)	35" long, 1.9" diameter at probe tip

PIM Shield® Cable Strap Tensioning Tool

The PIM Shield® Cable Strap Installation Tool is optimized for tensioning and cutting ConcealFab® Cable Straps at the maximum grip point. Unlike standard tools that can slip during tensioning, this tool features an aggressive grip surface that maintains maximum friction for secure, consistent strap installation.

- Aggressive gripping surface prevents slippage during tensioning
- Removable cutting head for clean strap trimming
- Compatible with ConcealFab® Cable Straps (900443-16-50 and 900443-27-50)
- Also works with Thomas & Betts (Deltec®) cable straps
- Accepts strap widths from 0.25" to 0.5" and thicknesses from 0.04" to 0.07"

SKU	Strap Width	Strap Thickness
900442	0.25" - 0.5"	0.04" - 0.07"

PIM Shield® Torque Wrenches

Proper installation torque is critical for bolted connections to achieve low-PIM performance. ConcealFab® has identified the optimal torque values for each PIM Shield® cable support system and offers convenient, fixed-torque wrenches matched to each required torque setting.

- Multiple head sizes available to match common site hardware and RF connectors
- Options support both imperial and metric applications (for example, 3/8" and M10)
- Fixed-torque design promotes repeatable results across crews and sites
- Color-coded grips make the correct torque tool easy to identify in the field

SKU	Head Size	Torque	Use With	Grip Color
901039	9/16"	4 FT-LB (5.4 Nm)	3/8" Hardware	Red
900053	9/16"	10 FT-LB (13.6 Nm)	3/8" Hardware	Blue
900412	17 mm	15 FT-LB (20.3 Nm)	M10 Hardware	Blue
900413	3/4"	20 FT-LB (27.1 Nm)	1/2" Hardware	Blue
901522	22 mm	5.9 FT-LB (8.0 Nm)	4.3-10 RF Connectors	Blue

Small Cell Solutions

Our small cell solutions support the deployment of next-generation wireless infrastructure in space-constrained and highly visible environments. Designed for flexibility, speed, and clean integration, they help enable network densification without sacrificing aesthetics.

Concealment Poles

ConcealFab® concealment poles are designed to hide multiple equipment configurations while supporting the capacity and coverage demands of modern networks. Available in smooth or fluted profiles with flexible luminaire options, they are ideal for hard-to-permit locations.

- Supports multiple equipment configurations
- Smooth or fluted pole profiles
- Luminaire flexibility for varied deployments
- Modular design for easier upgrades and serviceability
- Engineering support including structural and thermal analysis
- Options for mmWave concealment and smart city features

SKU	Diameter	Profile
CP-012-SM	12"	Smooth
CP-013-FL	13"	Fluted
CP-020-SM	20"	Smooth

Standard Poles

ConcealFab® Standard Poles are multi-use poles designed to support multiple equipment attachments for capacity and coverage in a given area. Offered in multiple nominal diameters and compatible with a variety of luminaires, they are well-suited for hard-to-permit locations.

- Supports multiple equipment attachment configurations
- Available in multiple nominal diameters (6", 8", 10")
- Compatible with a variety of luminaire options
- Modular design options to support upgrades and serviceability
- Engineering support available, including structural and thermal analysis
- Options available for mmWave concealment and smart city features

SKU	Diameter
SP-006-ST	6"
SP-008-ST	8"
SP-010-ST	10"

Structural Bases

This pedestal supports rapid site deployment by integrating power and radio equipment directly at ground level. Designed for macro radios and ancillary gear, this pedestal features Optional passive or active thermal maN/Agement and is built for streamlined permitting, equipment concealment, and network reliability.

- Telcordia GR 487 thermal and intrusion compliant
- Conceals all sides of the equipment and cables for fast municipal approvals
- Open architecture design for infinite equipment flexibility.
- Flexible mounting features for various site needs.
- Durable UV and corrosion resistant construction for long product life.
- Available in standard and custom colors to match your site needs.

SKU	Mounting Method	Equipment Brackets
900660	Bolting	Sold Separately

Pole Top Concealments

ConcealFab's portfolio of pole top shrouds are engineered for the highest of RF and thermal performances requirements while maintaning a sleek aesthetic profile. Our shrouds are made for flexible deployment options to ensure easy installation and maintence while keeping an eye on possible future proofing, when possible.

- Telcordia GR 487 thermal and intrusion compliant
- RF- transparent materials ensure excellent signal retention - clearWave™
- Conceals all sides of the equipment and cables for fast municipal approvals
- Durable UV and corrosion resistant construction for long product life.
- Available in standard and custom colors to match your site needs.

SKU	Mounting Method	Bolt Pattern	Active Cooling	Equipment Brackets	Pole Top Diameter Range
901228	Bolting	(4) 5/8 in. bolts on 8 in. bolt circle	Optional	Sold Separately	N/A
901216	Bolting	(8) 5/8 in. bolts on 8 in. bolt circle	Optional	Included	N/A
901216_T	Bolting	(8) 5/8 in. bolts on 8 in. bolt circle	Optional	Included	N/A
901743	Bolting	(4) 3/4 in. bolts on 7.25 in. - 9.44 in. bolt circle	Yes	Included	N/A
901229	Bolting	(4) 5/8 in. bolts on 8 in. bolt circle	No	Sold Separately	N/A
901239	Bolting	(3) 5/8 in. bolts on 7.25 in. - 15 in. bolt circle	No	Included	N/A
901208	Bolting	(4) 5/8 in. bolts on 8 in. bolt circle	Optional	Sold Separately	N/A
901250	Bolting	(4) 3/4 in. bolts on 8 in. bolt circle	Optional	Sold Separately	N/A
900997_5G180	Banding or Bolting	N/A	Yes	Included	6.00 in. - 14.00 in.
900997_5G120	Banding or Bolting	N/A	Yes	Included	6.00 in. - 14.00 in.
901856	Banding or Bolting	N/A	Yes	Included	6.00 in. - 14.00 in.
900894	Banding or Bolting	N/A	No	AIR Shrouds Sold Separately	5.25 in. - 14.13 in.

5G Pole Top Concealment, 3X Ericsson 6701

ConcealFab®'s mmWave Pole Top Concealment is designed to house three Ericsson 6701 radios at the top of a pole. It incorporates clearWave™ material that is color-matched to create a seamless transition from the concealment to the radio, eliminating the need for mmWave vinyl wrap on the radio face and simplifying maintenance. A canister antenna can be added later if needed.

- Pole-top shroud designed for 3X Ericsson 6701 mmWave radios
- Includes clearWave™ material for seamless color match to the radios
- Eliminates the need for mmWave vinyl wrap on the radio front
- Simplifies radio access and maintenance
- Canister antenna can be added later as needed

SKU	Description
900910	5G Pole Top Concealment, 3X 6701

Shroud Extensions

ConcealFab's portfolio of pole top shrouds are engineered for the highest of RF and thermal performances requirements while maintaning a sleek aesthetic profile. Our shrouds are made for flexible deployment options to ensure easy installation and maintence while keeping an eye on possible future proofing, when possible.

- Telcordia GR 487 thermal and intrusion compliant
- RF- transparent materials ensure excellent signal retention
- Conceals all sides of the equipment and cables for fast municipal approvals
- Durable UV and corrosion resistant construction for long product life.
- Available in standard and custom colors to match your site needs.

SKU	Mounting Method	Active Cooling	Vertical Antenna Clearance	Equipment Brackets
901171_30IN	Bolting	No	24”	N/A
901171_46IN	Bolting	No	40”	N/A
901171_52IN	Bolting	No	46”	N/A
900997_4G_SAM	Bolting	No	N/A	Included

Modular Shrouds

ConcealFab's flagship modular shrouds conceal a variety of equipment deployments in a minmalist form factor. Engineered for rapid deployment on all types of pole structures, in a fully enclosed concealment solution.

- Telcordia GR 487 thermal and intrusion compliant
- RF-friendly materials ensure excellent signal retention
- Conceals all sides of the equipment and cables for fast municipal approvals
- Flexible mounting features for various site needs
- Durable UV and corrosion resistant construction for long product life
- Available in standard and custom colors to match your site needs

SKU	Mounting Method	Active Cooling
901186	Banding or Bolting	Yes
901946	Banding or Bolting	Yes
900783	Banding or Bolting	Optional
901734	Banding or Bolting	Yes
901054	Banding or Bolting	Yes
901477	Banding or Bolting	Yes
901117	Banding or Bolting	No
901169	Banding or Bolting	No
900987	Banding or Bolting	No
901261	Banding or Bolting	Yes

5G Modular Shroud, Dual Cone Ericsson 6701/6705

ConcealFab®'s 5G Modular Shroud is part of our flagship 5G product line. This dual-cone design conceals the heat sink and cabling for Ericsson 6701 or 6705 mmWave radios. It incorporates clearWave™ material that is color-matched to create a seamless transition from the shroud to the radio, eliminating the need for mmWave vinyl wrap on the radio face and simplifying maintenance.

- Dual-cone design conceals heat sink and cabling
- Compatible with Ericsson 6701 and 6705 mmWave radios
- Includes clearWave™ material for seamless color match to the radio
- Eliminates the need for mmWave vinyl wrap on the radio front
- Simplifies radio access and maintenance

SKU	Description
901154	5G Modular Shroud, Dual Cone, Ericsson 6701/6705

5G Modular Shroud, Single Cone, Nokia AEU/WB & ASOD

ConcealFab®'s 5G Modular Shroud is part of our flagship 5G product line. This single-cone design conceals the heat sink and cabling for Nokia AEU/WB and ASOD mmWave radios. It incorporates clearWave™ material that is color-matched to create a seamless transition from the shroud to the radio, eliminating the need for mmWave vinyl wrap on the radio face and simplifying maintenance.

- Single-cone design conceals heat sink and cabling
- Compatible with Nokia AEU/WB and ASOD mmWave radios
- Includes clearWave™ material for seamless color match to the radio
- Eliminates the need for mmWave vinyl wrap on the radio front
- Simplifies radio access and maintenance

SKU	Description
900396	5G Modular Shroud Single Cone, Nokia AEU/WB & ASOD

5G Modular Shroud, Single Cone, Accessory

ConcealFab®'s 5G Modular Shroud is part of our flagship 5G product line. This single-cone design conceals the heat sink and cabling for Ericsson 1281 mmWave radios. It incorporates clearWave™ material that is color-matched to create a seamless transition from the shroud to the radio, eliminating the need for mmWave vinyl wrap on the radio face and simplifying maintenance. Fan kits are available and sold separately.

- Single-cone design conceals heat sink and cabling
- Compatible with Ericsson 1281 mmWave radios
- Includes clearWave™ material for seamless color match to the radio
- Eliminates the need for mmWave vinyl wrap on the radio front
- Simplifies radio access and maintenance
- Fan kit available, sold separately

SKU	Description
900783_20DTAZ	5G Modular Shroud Single Cone, Accessory

5G Modular Shroud, Single Cone, Ericsson 5121/5331

ConcealFab®'s 5G Modular Shroud is part of our flagship 5G product line. This single-cone design conceals the heat sink and cabling for Ericsson 5121/5331 mmWave radios. mmWave-friendly vinyl wrap is sold separately for a complete color match.

- Single-cone design conceals heat sink and cabling
- Compatible with Ericsson 5121 and 5331 mmWave radios
- mmWave-friendly vinyl wrap available separately for full color match
- Clean, serviceable shroud design for streamlined maintenance

SKU	Description
900246	5G Modular Shroud Single Cone, Ericsson 5121/5331

5G Modular Shroud, Single Cone, Nokia AEU/WB

ConcealFab®'s 5G Modular Shroud is part of our flagship 5G product line. This single-cone design conceals the heat sink and cabling for Nokia AEU/WB mmWave radios. It incorporates clearWave™ material that is color-matched to create a seamless transition from the shroud to the radio, eliminating the need for mmWave vinyl wrap on the radio face and simplifying maintenance.

- Single-cone design conceals heat sink and cabling
- Compatible with Nokia AEU/WB mmWave radios
- Includes clearWave™ material for seamless color match to the radio
- Eliminates the need for mmWave vinyl wrap on the radio front
- Simplifies radio access and maintenance

SKU	Description
900366	5G Modular Shroud Single Cone, Nokia AEU/WB
900366_ID	5G Modular Shroud Single Cone, Nokia AEU/WB Indoor

5G Mid-Pole Hexagonal Shroud, Ericsson 1281

ConcealFab®'s Mid-Pole Hexagonal Shroud is designed to conceal two or three Ericsson 1281 radios in a 120° or 180° mid-pole configuration on existing poles. It fits poles from 4" to 9" diameter and is field-trimmed to match the mounting pole. For a complete color match, vinyl wrap is included for three-radio configurations and can be applied to the radios' radomes in the field. Fan kits (900958) are required per radio and sold separately.

- Conceals 2 or 3 Ericsson 1281 radios in 120° or 180° mid-pole layouts
- Fits 4" to 9" pole diameters and trims in the field for a precise fit
- Vinyl wrap included for 3-radio configurations for full color match
- Fan kit required per radio (900958), sold separately

SKU	Description
900889	5G Mid-Pole Hexagonal Shroud, Ericsson 1281

5G Mid-Pole Hexagonal Shroud, Ericsson 6701

ConcealFab®'s Mid-Pole Hexagonal Shroud is designed to conceal two to three Ericsson 6701 radios in a mid-pole configuration on an existing pole. For a complete color match, vinyl wrap is included and can be applied to the radios' radomes in the field.

- Conceals 2 to 3 Ericsson 6701 radios in a mid-pole configuration
- Designed for installation on existing poles
- Vinyl wrap included for full color match and field application to radomes

SKU	Description
900559	5G Mid-Pole Shroud, Hexagonal Shroud, Ericsson 6701

38" Macro Shroud

ConcealFab®'s 38" Macro Shroud, featuring the Street-Smart™ design, conceals a variety of radio configurations while supporting cost-efficient maintenance through passive cooling. It is available in standard colors or custom color matching to blend with surrounding architecture. Required bracket kits for installation are sold separately.

- Street-Smart™ design conceals multiple radio configurations
- Passive cooling supports maintenance and operating efficiency
- Available in standard colors or custom color matching
- Required bracket kits sold separately

SKU	Description
900850	38" Macro Shroud
900850_4455	Bracket Kit, 4455 Configuration
900850_440X	Bracket Kit, 220X/440X Configuration

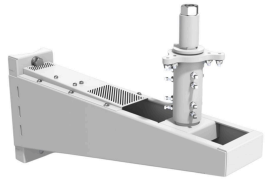
Hybrid Side Arm Concealments

A side-arm mounting shroud with an exposed AIR (mmWave) face and full-color wrap included, designed to secure three Samsung AT1K01/04/06 radios to the side of a pole.

- Telcordia GR 487 thermal and intrusion compliant
- RF- transparent materials ensure excellent signal retention
- Conceals all sides of the equipment and cables for fast municipal approvals
- Durable UV and corrosion resistant construction for long product life.
- Available in standard and custom colors to match your site needs.

SKU	Mounting Method	Equipment Brackets
901005_5G120	Banding or Bolting	Included

1X 220X Holster



ConcealFab®'s 1X 220X Holster is designed to conceal a CBRS or LAA radio in a sleek, compact form. Placing the radio close to the antenna helps reduce cable loss for low-power deployments. It accommodates most major OEM cantennas, and optional cable shrouds for multiple canister antennas are sold separately.

- Conceals CBRS or LAA radio in a compact design
- Reduces cable loss by positioning the radio near the antenna
- Compatible with most major OEM cantennas
- Optional cable shrouds for multiple canister antennas available separately

SKU	Description
900137	1X 220X Holster

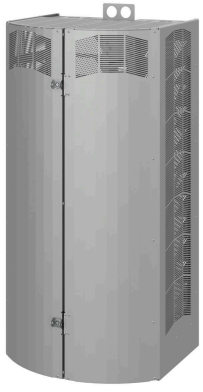
5G Side Arm Concealment, 3X Ericsson 6701

ConcealFab®'s mmWave Side Arm Concealment is designed to house three Ericsson 6701 radios on the side of a pole. It incorporates clearWave™ material that is color-matched to create a seamless transition from the concealment to the radio, eliminating the need for applying mmWave vinyl wrap to the radio face and simplifying maintenance.

- Designed to conceal 3X Ericsson 6701 mmWave radios on a side-arm mount
- Includes clearWave™ material for seamless color match to the radios
- Replaces the need for mmWave vinyl wrap on the radio front
- Simplifies radio access and maintenance

SKU	Description
901024	5G Side Arm Concealment, 3X 6701

Radio Side Cabinets



ConcealFab's radio side cabinet line's open architecture approach provides maximum flexability in deployment configurations. The adaptability of the cabinets provide consistent form factor for different equipment BOMs providing consistency for fast jurisdiction approvals for new site and modification projects.

- Telcordia GR 487 thermal and intrusion compliant
- Conceals all sides of the equipment and cables for fast municipal approvals
- Open architecture design for infinite equipment flexibility.
- Lockable for site security.
- Flexible mounting features for various site needs.
- Durable UV and corrosion resistant construction for long product life.
- Available in standard and custom colors to match your site needs.

SKU	Mounting Method	Equipment Brackets
901360	Banding or Bolting	Sold Separately
901361	Banding or Bolting	Sold Separately
901362	Banding or Bolting	Sold Separately
901363	Banding or Bolting	Sold Separately
901283_SHRD	Banding or Bolting	Sold Separately
901126	Banding or Bolting	Sold Separately

Sunshields

ConcealFab's sunshields provide visual concealment solutions for micro and macro radio deployments. Engineered with RF friendly material for deplpyment flexability on all types of pole structures.

- Telcordia GR 487 thermal compliant
- Conceals the equipment and cables from pedestrian view for fast municipal approvals
- Durable UV and corrosion resistant construction for long product life.
- Available in standard and custom colors to match your site needs.

SKU	Mounting Method	Active Cooling
901104	OEM Bracket or 901273 Clamp (sold seperately)	No
901826	901273 Clamp (included)	No
901879	OEM Bracket	No
901212	Banding	Optional
901040	OEM Bracket	No
900846	OEM Bracket	No
9014	OEM Bracket	No
901751	OEM Bracket	No
900914	Banding	No

Pole-Mounted Concealment Solutions

Valmont's ConcealFab® line includes pole-mounted concealment systems for communications, surveillance, and sensor equipment on government and military installations. From full-enclosure pole top shrouds to side-arm mounts and cable management, each solution is engineered for the specific equipment and pole profile on site, with RF-transparent materials tested in Valmont's in-house anechoic chamber.

- Pole top, side-arm, and base-mounted configurations
- Compatible with DAS, 5G small cell, surveillance, and sensor deployments
- RF-transparent materials ensure signal performance through the concealment
- Thermal management options for enclosed equipment
- Custom color matching and printed concealment wraps available

SKU	Description	Applications
CF-PM-01	Pole Top Shrouds, Side-Arm Mounts, Sunshields, Cable Shrouds, Shroud Extensions, Base-Mounted Enclosures	On-Base DAS Networks, Installation Surveillance Systems, Perimeter Sensor Concealment, Communications Infrastructure, Force Protection Systems

Mounting & Installation Accessories

ConcealFab® offers a full range of mounting brackets, thermal kits, cable management accessories, pole side mounts, antenna sleeves, and installation tools designed to support equipment concealment deployments. These accessories are available for all pole profiles and equipment configurations, and can be specified alongside any concealment or structure order.

- Mounting brackets for all major RAN OEM equipment
- Thermal management kits for enclosed deployments
- Pole side mounts for antenna and radio positioning
- Cable protection and routing accessories
- Installation tools including lifting equipment and move-in kits
- Compatible with all ConcealFab® concealment and pole products

SKU	Description	Applications
CF-MI-02	Brackets, Thermal Kits, Pole Side Mounts, Cable Protection, Antenna Sleeves, Fan Kits, Installation Tools	Equipment mounting, thermal management, cable routing, antenna positioning, site installation

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