

Concealment Structural Product Guide

Engineered to Your Precise Requirements

Every Larson™ concealment structure is engineered to order. The part numbers referenced throughout this guide are representative examples drawn from past projects, included to illustrate the range of configurations, materials, and finishes available. They are not a fixed catalog. Each project begins with your site conditions, RF performance needs, and aesthetic goals, and our engineering team develops the solution from there.

A Legacy of Concealment. A New Era of Innovation.

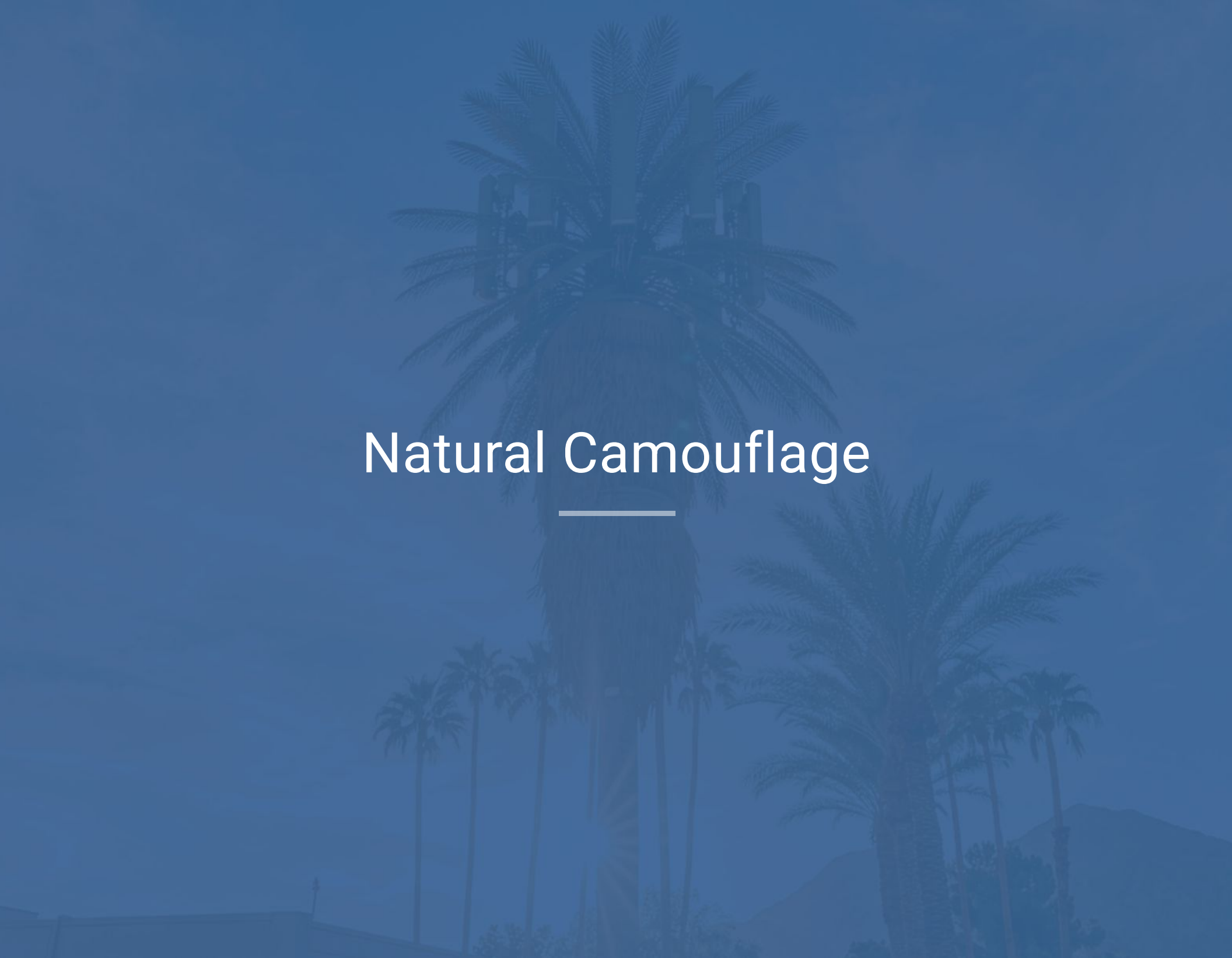
For decades, the Larson™ concealment line has set the standard for blending wireless infrastructure into the built and natural environment. Known for realistic designs, durable materials, and custom-engineered solutions, Larson™ has helped transform towers, monopoles, rooftops, and site equipment into concealment structures that preserve aesthetics while expanding network capability.

Today, Larson™ is building on that legacy with innovations that address the demands of modern RF environments. With advanced PIM-friendly branch and frond solutions, Larson™ is addressing one of the industry's most persistent concealment challenges by helping reduce signal interference concerns often associated with traditional concealment materials. These next-generation solutions combine realistic appearance with performance-driven design, helping customers support network objectives without compromising the site's visual integrity.

From pine and broadleaf canopies to date palm and fan palm applications, Larson™ continues to evolve concealment for both new and existing structures. The result is a portfolio designed not only to look right in the field, but to work harder for the networks of today and tomorrow.

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The background of the slide features a photograph of a tropical scene with several palm trees and a building, all overlaid with a semi-transparent blue filter. The text 'Natural Camouflage' is centered in white, with a short horizontal white line positioned directly below it.

Natural Camouflage



PIM Pine™



PIM Euc™



PIM Elm™



PIM Palm™

Discover our Patented PIM-Friendly Branches & Fronds for New & Existing Camouflaged Wireless Structures

Larson™ PIM Tree™ products set a new industry standard by solving a long-standing issue: passive intermodulation (PIM) caused by concealment materials. Engineered and tested using IEC 62037-8 radiated PIM procedures, these branches and fronds deliver ultra-low signal distortion while maintaining realistic, natural aesthetics. Whether palm or pine, each component is built to blend visually while performing flawlessly.



Tested to Mitigate Passive Intermodulation (PIM)

Larson™ developed the first PIM-friendly foliage solutions, with RF-transparent materials designed to reduce return and insertion loss when placed in front of antennas. Products consistently achieve IM3 levels below -100 dBm, significantly outperforming standard concealment systems.



Radiated PIM Testing to IEC 62037-8

All materials are tested using the new 2x20W near-field dynamic procedure to ensure exceptional RF performance. Typical PIM reduction includes -42.6 dBm at 850 MHz and -43.4 dBm at 1900 MHz for palm fronds, and up to -39.4 dBm and -30.5 dBm respectively for branch models.



Isolated Metal Contacts Eliminate PIM Risk

Concealment branches are designed with isolated contact points to prevent metal-on-metal interaction. Thermal performance is also tested to ensure durability and consistent operation in harsh environments.



Aesthetic Integration with Realistic Finishes

From palms to pines, each branch or frond is crafted with attention to visual detail. Optional PIM-friendly retainers and a variety of sizes ensure seamless fit and concealment in any jurisdictional or environmental setting.



All Larson™ PIM Palm™, PIM Pine™, PIM Elm™, and PIM Euc™ components have been rigorously tested in our proprietary anechoic chamber and validated through outdoor field testing to ensure consistent low-PIM performance and reliable RF transparency in real-world conditions.

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.



SKU	Steel Height	Branch Type	Branch Density	Branch Start Height	Pole Finish
LCMT-2C1I0E80G3PIN3.00C20PBSFNTSWNP	80'	Standard	3.00 BPF	20'	Partial Faux Bark
LCMT-2C1I0E71G2PIN3.40C15FBSFSTSWNP	71'	Premium	3.40 BPF	15'	Full Faux Bark
LCMT-1C1I0E147G3PIN2.25C99POSFNTDWNP	147'	Standard	2.25 BPF	99'	Paint Only
LCMT-3C1I0E125G3PIN3.50C15PBSFNTSWNP	125'	Standard	3.50 BPF	15'	Partial Faux Bark
LCMT-2C2I0E59G2PIN4.00S15FBSFNTSWNP	59'	Premium	4.00 BPF	15'	Full 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-3C1I0E65G3ELM2.50I15PBSFNTSWNP	65'	Standard	2.50 BPF	15'	Partial Faux Bark
LCMT-3C1I1E50G3ELM4.00I12PBSFNTSWNP	50'	Standard	4.00 BPF	12'	Partial Faux Bark
LCMT-2C2I0E42G2ELM3.50S15CPSFNTSWNP	42'	Premium	3.50 BPF	15'	Camouflage Paint
LCMT-1C1I0E60G2ELM4.00I15FBSFNTSWNP	60'	Premium	4.00 BPF	15'	Full 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-2C1I0E77G3EUC3.50I15FBSFNTPSWNP	77'	Standard	3.50 BPF	15'	Full Faux Bark
LCMT-2C1I0E59G3EUC4.20I18FBSFNTPSWNP	59'	Standard	4.20 BPF	18'	Full Faux Bark
LCMT-3C1I0E65G2EUC3.60U15PBSFNTPSWNP	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-2C1I0E65DP80FBNTSFSSKSM	65'	80	Full 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-2C2I0E4400CYPSSK10PBSF000000	44'	Cypress Skirt	10'	Partial Faux Bark
LCMT-2C2I0E6500CYPSSK10PBSF000000	65'	Cypress Skirt	10'	Partial 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.

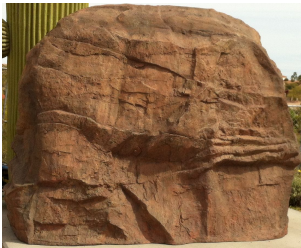


SKU	Steel Height	Number of Arms	Concealment Height	Concealment Width	Concealment Depth
LCNP-1C1I0E34MPCA2350303NVGVSP	34'	2	35'	3'	3'

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

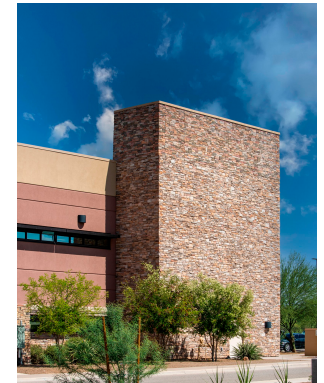
Architectural Camouflage



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-1C1I0E00ESMS093414NVNFBR	9'	34'	14'	Faux Brick/Block
LCAP-1C1I0E00ESFS080503NVNFNF	8'	5'	3'	Paint Only
LCAP-1C1I0E00ESMS102020NVNFPO	10'	20'	20'	Paint Only
LCAP-1C1I0E10ESMS131212NVGOBR	13'	12'	12'	Brick
LCAP-1C1I0E00ESFS082020NVNFPO	8'	20'	20'	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.

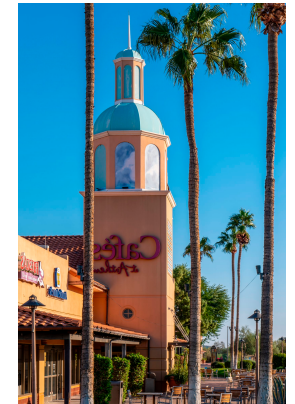


SKU	Concealment Height	Concealment Width	Concealment Depth	Venting	Concealment Finish
LCAP-1C1I0E00ESCH132204PVNFST	13'	22'	4'	Passive	Stucco
LCAP-1C1I0E00ESCH100606NVNFPO	10'	6'	6'	Non Vented	Paint Only
LCAP-1C1I0E11ESCH100505NVGVPO	10'	5'	5'	Non Vented	Paint Only
LCAP-1C1I0E10ESCH100202NVGVBR	10'	2'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

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-1C1I0E19ESCP191515PVP0PO	19'	15'	15'	Passive Venting	Paint Only
LCAP-1C1I0E00ESCP181818NVNFST	18'	18'	18'	Non Vented	Stucco

Rooftop Clock

Our Rooftop Clock concealment solutions offer innovation, quality design, planning and engineering to your site, whether they require decorative or functional clocks.

- 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

Steeple

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

Signs

We offer a full range of custom concealment solutions in the form of signage. Whether deployed in high traffic urban areas or venue sites, we provide camouflage solutions 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.

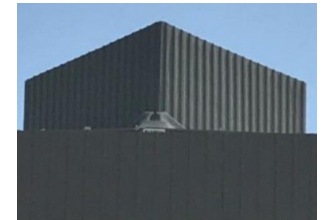


SKU	Concealment Height	Concealment Width	Concealment Depth	Concealment Finish
LCAP-1C1I0E00ESWB040801NVNFVW	4'	8'	1'	Vinyl Wrap

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-1C1I0E00ESWB121303NVNFPO	12'	13'	3'	Paint Only
LCAP-1C1I0E00ESFS100806NVNFST	10'	8'	6'	Stucco
LCAP-1C1I0E00ESWB060202NVNFBR	6'	2'	2'	Brick
LCAP-1C1I0E00ESWB060201NVNFBR	6'	2'	1'	Brick
LCAP-1C1I0E00ESWB080101NVNFBR	8'	1'	1'	Brick

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-3C1I0E82ML4WT322020PVPOSP	82'	4	32'	20'	Passive Venting	Stenciled Paint
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

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-3C1I0E38ML1GS401919NVGVPO	38'	1	40'	19'	Paint Only
LCAP-1C1I0E55ML1GS102424NVGVST	55'	1	10'	24'	Stucco

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-4C1I0E125ML4BT441010NVPOPO	125'	4	44'	10'	10'
LCAP-1C1I0E57ML3BT101102NVPOPO	57'	3	10'	11'	2'
LCAP-1C1I0E50ML4BT301010NVPOPO	50'	4	30'	10'	10'
LCAP-1C1I0E50ML4BT301010NVPOPO	50'	4	30'	10'	10'

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.

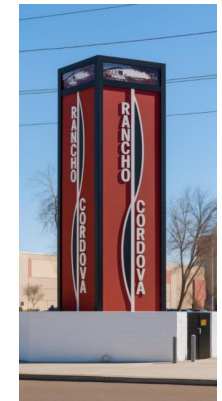


SKU	Steel Height	Number of Legs	Concealment Height	Concealment Width	Concealment Depth
LCAP-3C1I0E80ML4CT4F301313PVPPOPO	80'	4	30'	13'	13'
LCAP-3C1I0E90ML3CT3F381009NVPOPO	90'	3	38'	10'	9'
LCAP-1C1I0E30ML4CT4F131414NVBRBR	30'	4	13'	14'	14'

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-3C2I0E90ML4MN101414NVPOPO	90'	4	10'	14'	14'
LCAP-4C1I0E75ML6MN420909NVGVPO	75'	6	42'	9'	9'
LCAP-2C1I0E50ML4MN201414NVGVPO	50'	4	20'	14'	14'

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-2C1I0E80ML4FT000NVPONF	80'	4	N/A	N/A	N/A	Paint Only
LCAP-1C1I0E148ML4FT101414NVGVST	148'	4	10'	14'	14'	Galvanized Only
LCAP-1C1I0E60ML3FT000000NVPONF	60'	3	N/A	N/A	N/A	Paint Only

Slimline/Canister 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

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-6C6I0E142MPFP660404NVPOPO	142'	66'	4'	Paint Only	Non Vented	Paint Only
LCAP-1C1I0E65MPFP310303AVPOPO	65'	31'	3'	Paint Only	Active Venting	Paint Only
LCAP-1C1I0E50MPFP200303NVPOPO	50'	20'	3'	Paint Only	Non Vented	Paint Only
LCAP-1C1I0E50MPFP200303NVPOPO	50'	20'	3'	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-3C1I0E80MPLP6101405NVPOPO	80'	6	10'	14'	5'	Paint Only
LCAP-2C1I0E75MPLP1201616NVPTPO	75'	Round	20'	16'	16'	Paint Only
LCAP-3C1I0E80MPCT4F101816NVPOPO	80'	4	10'	18'	16'	Paint Only
LCAP-3C2I0E65MPLP6201403NVGVPO	65'	6	20'	14'	3'	Paint Only
LCAP-4C1I0E100MPCL1321616NVNFPO	100'	Round	32'	16'	16'	Paint Only

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

Small Cell

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.



Faux Concrete Aggregate Pole Finish

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'	N/A	N/A	N/A	Non Vented	Aggregate Stone

Signs for Venues

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.

- RF friendly materials yield extremely low insertion and return loss properties.
- Design and Implementation of large or small RF friendly custom structures to conceal radio equipment and antennas.
- Fully custom solutions to match existing architecture of stadiums, auditoriums, convention centers, outdoor venues, airports, and more.
- Flat pack shipping and delivery of pre-cut and drilled assemblies allow for fast, trouble free installation.
- Our project management team works directly with customer and implementation team, including site visits, PE stamped drawings, and installation.
- Easily removed for servicing and attachment hardware included.
- Antenna shrouds manufactured from high strength FRP material.
- Design assistance with photo simulations and 3D renderings available.

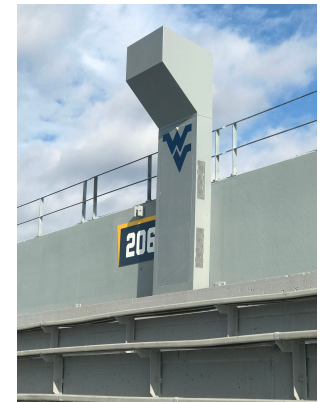


SKU	Concealment Height	Concealment Width	Concealment Depth	Concealment Finish
LCAP-1C1I0E00ESIB031202NVNFPO	3'	12'	2'	Paint Only

Perimeter Enclosures

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.

- RF friendly materials yield extremely low insertion and return loss properties.
- Design and Implementation of large or small RF friendly custom structures to conceal radio equipment and antennas.
- Fully custom solutions to match existing architecture of stadiums, auditoriums, convention centers, outdoor venues, airports, and more.
- Flat pack shipping and delivery of pre-cut and drilled assemblies allow for fast, trouble free installation.
- Our project management team works directly with customer and implementation team, including site visits, PE stamped drawings, and installation.
- Easily removed for servicing and attachment hardware included.
- Antenna shrouds manufactured from high strength FRP material.
- Design assistance with photo simulations and 3D renderings available.

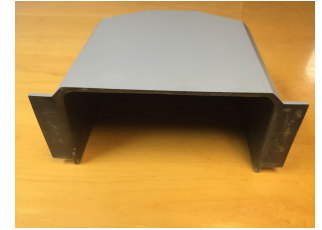


SKU	Steel Height	Concealment Height	Concealment Width	Concealment Depth	Venting
LCAP-1C1I0E09ESPE100302PVGVP0	9'	10'	3'	2'	Passive Venting

Under Seat Enclosures

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.

- RF friendly materials yield extremely low insertion and return loss properties.
- Design and Implementation of large or small RF friendly custom structures to conceal radio equipment and antennas.
- Fully custom solutions to match existing architecture of stadiums, auditoriums, convention centers, outdoor venues, airports, and more.
- Flat pack shipping and delivery of pre-cut and drilled assemblies allow for fast, trouble free installation.
- Our project management team works directly with customer and implementation team, including site visits, PE stamped drawings, and installation.
- Easily removed for servicing and attachment hardware included.
- Antenna shrouds manufactured from high strength FRP material.
- Design assistance with photo simulations and 3D renderings available.



SKU	Concealment Height	Concealment Width	Concealment Depth	Concealment Finish
LCAP-1C1I0E00ESUS000101NVNFPO	5"	1'	1'	Paint Only

In-Building Enclosures

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.

- RF friendly materials yield extremely low insertion and return loss properties.
- Design and Implementation of large or small RF friendly custom structures to conceal radio equipment and antennas.
- Fully custom solutions to match existing architecture of stadiums, auditoriums, convention centers, outdoor venues, airports, and more.
- Flat pack shipping and delivery of pre-cut and drilled assemblies allow for fast, trouble free installation.
- Our project management team works directly with customer and implementation team, including site visits, PE stamped drawings, and installation.
- Easily removed for servicing and attachment hardware included.
- Antenna shrouds manufactured from high strength FRP material.
- Design assistance with photo simulations and 3D renderings available.



SKU	Steel Height	Concealment Height	Concealment Width	Concealment Depth	Concealment Finish
LCAP-1C1I0E01ESIB010101NVPOPO	1'	1'	1'	1'	Paint Only

Temporary Structures

We offer Temporary Structures as an option for multi-leg camouflage designs. Jurisdictional design challenges can be met with simple and reliable tower structures for multi-leg based products.

- RF friendly materials yield extremely low insertion and return loss properties.
- Design and Implementation of large or small RF friendly custom structures to conceal radio equipment and antennas.
- Fully custom solutions to match existing architecture of stadiums, auditoriums, convention centers, outdoor venues, airports, and more.
- Flat pack shipping and delivery of pre-cut and drilled assemblies allow for fast, trouble free installation.
- Our project management team works directly with customer and implementation team, including site visits, PE stamped drawings, and installation.
- Easily removed for servicing and attachment hardware included.
- Antenna shrouds manufactured from high strength FRP material.
- Design assistance with photo simulations and 3D renderings available.



SKU	Number of Legs	Concealment Height	Concealment Width	Concealment Depth	Concealment Finish
LCAP-1C1I0E00ML4TS411515NFCL	4	41'	15'	15'	Cloth Wrap

Wall-Mounted Boxes, Enclosures & Inserts for Venues

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.

- RF friendly materials yield extremely low insertion and return loss properties.
- Design and Implementation of large or small RF friendly custom structures to conceal radio equipment and antennas.
- Fully custom solutions to match existing architecture of stadiums, auditoriums, convention centers, outdoor venues, airports, and more.
- Flat pack shipping and delivery of pre-cut and drilled assemblies allow for fast, trouble free installation.
- Our project management team works directly with customer and implementation team, including site visits, PE stamped drawings, and installation.
- Easily removed for servicing and attachment hardware included.
- Antenna shrouds manufactured from high strength FRP material.
- Design assistance with photo simulations and 3D renderings available.



SKU	Concealment Height	Concealment Width	Concealment Depth	Concealment Finish
LCAP-1C1I0E00ESMS041200NV00PO	4'	12'	4"	Paint Only
LCAP-1C1I0E00ESFS110600NV00PO	11'	6'	2"	Paint Only

Utility Camouflage

Slimline/Canister 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

Index by Part Number

LCAP-1C1I0E00ESCH100606NVNFPO	11	LCAP-2C1I0E50ML4MN201414NVGVPO	16
LCAP-1C1I0E00ESCH132204PVNFST	11	LCAP-2C1I0E65MPWT251818NVPOPO	19
LCAP-1C1I0E00ESCP050909PVNFPO	12	LCAP-2C1I0E75MPLP1201616NVPTPO	18
LCAP-1C1I0E00ESCP181818NVNFST	12	LCAP-2C1I0E80ML4FT000NVPONF	17
LCAP-1C1I0E00ESFS080503NVNFINF	11	LCAP-3C1I0E38ML1GS401919NVGVPO	15
LCAP-1C1I0E00ESFS082020NVNFPO	11	LCAP-3C1I0E80ML4CT4F301313PVPOPO	16
LCAP-1C1I0E00ESFS100806NVNFST	14	LCAP-3C1I0E80MPCT4F101816NVPOPO	18
LCAP-1C1I0E00ESFS110600NV00PO	22	LCAP-3C1I0E80MPLP6101405NVPOPO	18
LCAP-1C1I0E00ESIB031202NVNFPO	20	LCAP-3C1I0E82ML4WT322020PVPOSP	14
LCAP-1C1I0E00ESMS041200NV00PO	22	LCAP-3C1I0E90ML3CT3F381009NVPOPO	16
LCAP-1C1I0E00ESMS093414NVNFBFR	11	LCAP-3C2I0E65MPLP6201403NVGVPO	18
LCAP-1C1I0E00ESMS102020NVNFPO	11	LCAP-3C2I0E90ML4MN101414NVPOPO	16
LCAP-1C1I0E00ESST100705NVNFPO	13	LCAP-4C1I0E100MPCL1321616NVNFPO	18
LCAP-1C1I0E00ESUS000101NVNFPO	21	LCAP-4C1I0E125ML4BT441010NVPOPO	15
LCAP-1C1I0E00ESWB040801NVNFWVW	13	LCAP-4C1I0E75ML6MN420909NVGVPO	16
LCAP-1C1I0E00ESWB060201NVNFBFR	14	LCAP-6C6I0E142MPFP660404NVPOPO	18
LCAP-1C1I0E00ESWB060202NVNFBFR	14	LCMT-1C1I0E147G3PIN2.25C99POSFNTDWNP	6
LCAP-1C1I0E00ESWB080101NVNFBFR	14	LCMT-1C1I0E60G2ELM4.00I15FBSFNTSWNP	6
LCAP-1C1I0E00ESWB121303NVNFPO	14	LCMT-2C1I0E59G3EUC4.20I18FBSFNTSWNP	7
LCAP-1C1I0E00ML4TS411515NFCL	22	LCMT-2C1I0E71G2PIN3.40C15FBSFSTSWNP	6
LCAP-1C1I0E01ESIB010101NVPOPO	21	LCMT-2C1I0E77G3EUC3.50I15FBSFNTSWNP	7
LCAP-1C1I0E09ESPE100302PVGVPPO	20	LCMT-2C1I0E80G3PIN3.00C20PBSFNTSWNP	6
LCAP-1C1I0E10ESCH100202NVGVBR	11	LCMT-2C2I0E42G2ELM3.50S15CPSFNTSWNP	6
LCAP-1C1I0E10ESCT4F121212NVGOPO	12	LCMT-2C2I0E4400CYPSPS10PBSF000000	8
LCAP-1C1I0E10ESMS131212NVGOBR	11	LCMT-2C2I0E59G2PIN4.00S15FBSFNTSWNP	6
LCAP-1C1I0E11ESCH100505NVGVPO	11	LCMT-2C2I0E6500CYPSPS10PBSF000000	8
LCAP-1C1I0E148ML4FT101414NVGVST	17	LCMT-3C1I0E125G3PIN3.50C15PBSFNTSWNP	6
LCAP-1C1I0E19ESCP191515PVPOPO	12	LCMT-3C1I0E65G2EUC3.60U15PBSFNTSWNP	7
LCAP-1C1I0E21ESST210404NVGVPO	13	LCMT-3C1I0E65G3ELM2.50I15PBSFNTSWNP	6
LCAP-1C1I0E25MPSC121201AVPOPO	19	LCMT-3C1I1E50G3ELM4.00I12PBSFNTSWNP	6
LCAP-1C1I0E30ML4CT4F131414NVBRBR	16	LCNP-1C1I0E00GSBD040707AVNFST	9
LCAP-1C1I0E30MPSC000000NVAGNF	19	LCNP-1C1I0E00GSBD060503AVNFST	9
LCAP-1C1I0E30MPSC060202NVPOPO	17	LCNP-1C1I0E34MPCA2350303NVGVSP	8
LCAP-1C1I0E36ML4WT161717NVPOSP	14	LCPT-1C1I0E55DP65FBNTSFSPSM	7
LCAP-1C1I0E40ML3BT101412NVPOST	15	LCPT-2C1I0E65DP80FBNTSFSSKM	7
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LCAP-1C1I0E50MPFP200303NVPOPO	18		
LCAP-1C1I0E51ML4WT121313NVPOSP	14		
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LCAP-1C1I0E55ML1GS102424NVGVST	15		
LCAP-1C1I0E57ML3BT101102NVPOPO	15		
LCAP-1C1I0E60ML3FT000000NVPONF	17		
LCAP-1C1I0E65MPFP310303AVPOPO	18		
LCAP-1C1I0E77MPSL460404NVSPSP	24		



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Valmont is committed to providing products and services that enhance the lives of our customers, employees, and communities and to do so in an increasingly efficient and environmentally friendly manner. For more information about our commitment to sustainability, please visit investors.valmont.com/sustainability.

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