

Structural Support Products



Wireless Site Solutions Ordering Guide Version 2.1



- G2 Series High Capacity Sector Frames
- Quick-Vee Medium Capacity Sector Frames
- Sector Frame Reinforcement Kits

Tower Mounts

G2 Series, High Capacity Sector Frames

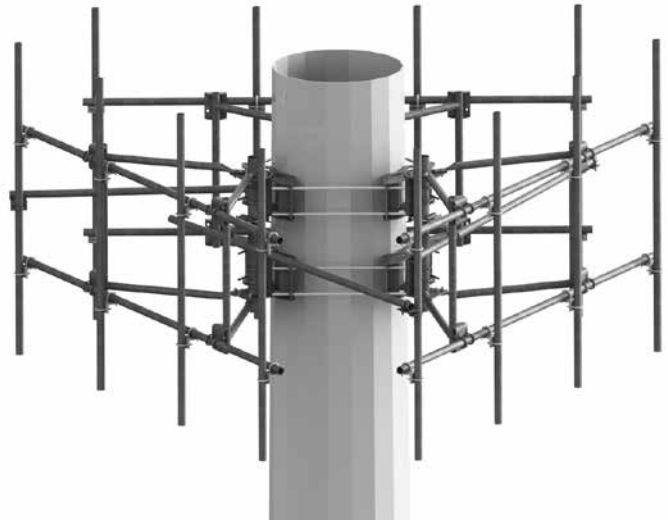
CommScope's new G2™ Series Tower Mounts were designed to address the industry's biggest concerns of current and future EPA requirements, mount load-ing capacity, and assembly time. The G2™ Series was designed from the ground up with an innovative vision that started with a blank slate then focused on each bend, weld, support, and even the alloy composition of each material used. The resulting solution features an innovative tubular V Stand-off design that lowers the EPA of the G2™ Series mount while increasing its load bearing capabilities and even reducing assembly time. The G2™ Series features a universal saddle mount design with 8 taper positions – from 0° to 7°. Azimuth adjustment of up to 120° is easily attained by pivoting the supported frame on the saddle mount. The G2™ Series also incorporates a chemi-cally etched alloy tag that provides reference to the engi-neering specifications and loading capacity. Full traceability throughout manufacturing is ensured by our AISC Certified manufacturing processes to guarantee CommScope quality and reliability.

Features

- Tower and Monopole Solutions
- Single and 3 Sector Solutions
- High Capacity, Future Proof Equipment EPA & Loading
- Partially Pre-Assembled Frames

Benefits

- Improved Mount Performance
- Ease of Installation
- Reduced Total Cost of Ownership
- Availability of Product
- CommScope Reliability, Integrity & Quality



• MCG2 Series Monopole Mounts

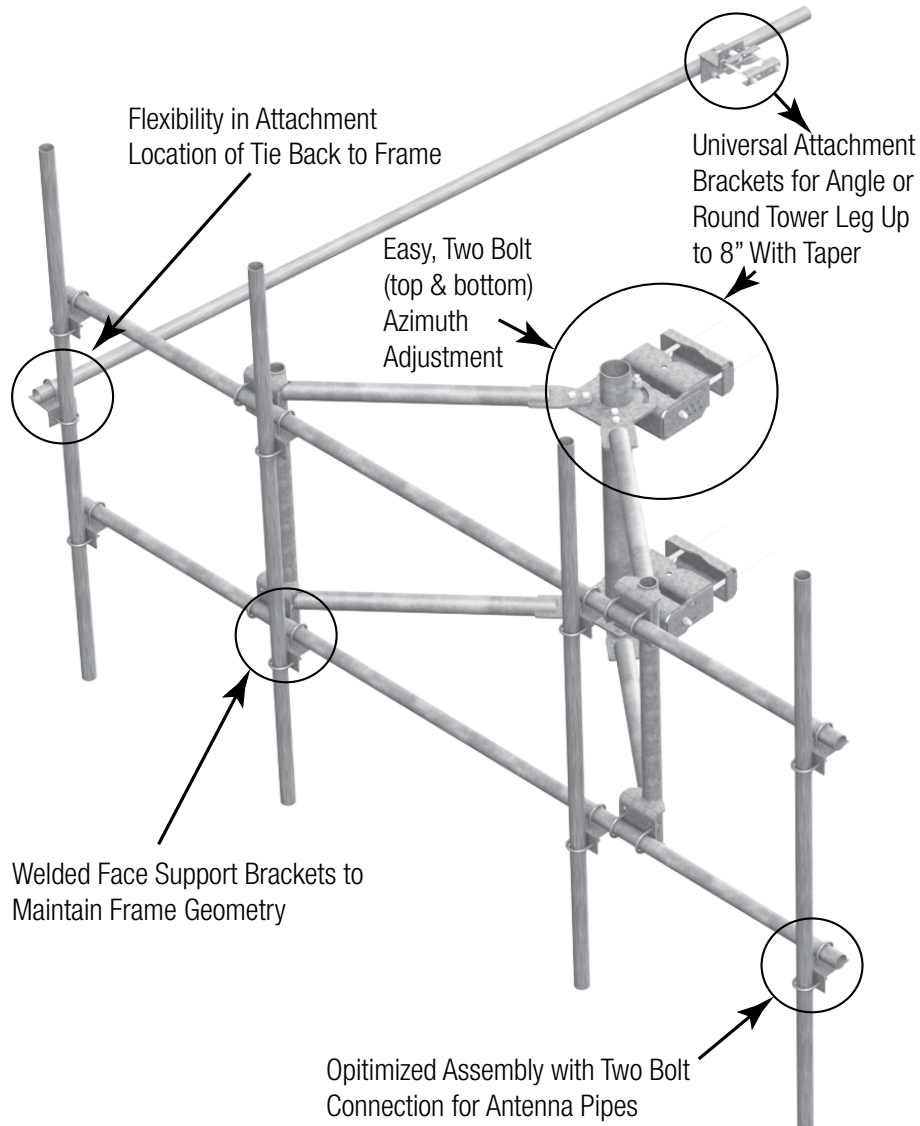


• SFG2 Series Tower Mounts



Tower Mounts

G2 Series, High Capacity Sector Frames



G2 Series Tower Mount Family

G22 Series	Up to 8,000 lbs. (including ice)
G23 Series	Up to 10,000 lbs. (including ice)
G23HD Series	Up to 10,000 lbs. + HD Face Pipes for Increased Offset Loading - Std. Antenna Pipes
G23HDX Series	Up to 10,000 lbs. Plus HD Face Pipes for Increased Offset Loading - HD Antenna Pipes

Tower Mounts

G2 Series, High Capacity Sector Frames

G2 Series Tower Solutions

Application:	Lattice Towers
Size:	10' -6", 12' -6" and 14' -6" (3.2 m, 3.8 m and 4.4 m) Face width
Feature:	Heavy duty tubular v-frame design, suitable for up to 5 antennas, quick set-up and assembly with 8 taper positions and 120° of azimuth adjustment
Mounts to:	Universal attachment bracket for straight or tapered legs up to 8" OD
Material:	Hot dip galvanized steel
Includes:	Frame assembly, saddle mounts, face pipes,, stiff arm pipe (1), antenna pipe mounts and antenna pipes (3 or 4)
Order Separately:	Additional or larger antenna mounting pipes and mounting brackets

Part Number	Description	Weight, lb (kg)
SFG23HDX Series Single Sector Tower Frames		
12' 6" 2.88" OD Face Pipes		
SFG23HDX-12-4-96	(4) 2.88" OD 96" Pipes	780 (354)
SFG23HDX-12-4-126	(4) 2.88" OD 126" Pipes	835 (379)
SFG23HDX-12-3-96	(3) 2.88" OD 96" Pipes	724 (328)
SFG23HDX-12-3-126	(3) 2.88" OD 126" Pipes	765 (347)
10' 6" 2.88" OD Face Pipes		
SFG23HDX-10-4-96	(4) 2.88" OD 96" Pipes	761 (345)
SFG23HDX-10-4-126	(4) 2.88" OD 126" Pipes	816 (370)
SFG23HDX-10-3-96	(3) 2.88" OD 96" Pipes	704 (319)
SFG23HDX-10-3-126	(3) 2.88" OD 126" Pipes	746 (338)
SFG23HD Series Single Sector Tower Frames		
12' 6" 2.88" OD Face Pipes		
SFG23HD-12-4-96	(4) 2.38" OD 96" Pipes	680 (308)
SFG23HD-12-4-126	(4) 2.38" OD 126" Pipes	710 (322)
SFG23HD-12-3-96	(3) 2.38" OD 96" Pipes	649 (294)
SFG23HD-12-3-126	(3) 2.38" OD 126" Pipes	672 (305)
10' 6" 2.88" OD Face Pipes		
SFG23HD-10-4-96	(4) 2.38" OD 96" Pipes	661 (300)
SFG23HD-10-4-126	(4) 2.38" OD 126" Pipes	690 (313)
SFG23HD-10-3-96	(3) 2.38" OD 96" Pipes	630 (259)
SFG23HD-10-3-126	(3) 2.38" OD 126" Pipes	652 (296)

Part Number	Description	Weight, lb (kg)
SFG23 Series Single Sector Tower Frames		
12' 6" 2.38" OD Face Pipes		
SFG23-12-4-96	(4) 2.38" OD 96" Pipes	630 (286)
SFG23-12-4-126	(4) 2.38" OD 126" Pipes	660 (299)
SFG23-12-3-96	(3) 2.38" OD 96" Pipes	599 (272)
SFG23-12-3-126	(3) 2.38" OD 126" Pipes	621 (282)
10' 6" 2.38" OD Face Pipes		
SFG23-10-4-96	(4) 2.38" OD 96" Pipes	615 (279)
SFG23-10-4-126	(4) 2.38" OD 126" Pipes	646 (293)
SFG23-10-3-96	(3) 2.38" OD 96" Pipes	584 (265)
SFG23-10-3-126	(3) 2.38" OD 126" Pipes	606 (275)
SFG22 Series Single Sector Tower Frames		
12' 6" 2.38" OD Face Pipes		
SFG22-12-4-96	(4) 2.38" OD 96" Pipes	515 (234)
SFG22-12-4-126	(4) 2.38" OD 126" Pipes	545 (247)
SFG22-12-3-96	(3) 2.38" OD 96" Pipes	484 (219)
SFG22-12-3-126	(3) 2.38" OD 126" Pipes	506 (230)
10' 6" 2.38" OD Face Pipes		
SFG22-10-4-96	(4) 2.38" OD 96" Pipes	500 (227)
SFG22-10-4-126	(4) 2.38" OD 126" Pipes	530 (241)
SFG22-10-3-96	(3) 2.38" OD 96" Pipes	469 (213)
SFG22-10-3-126	(3) 2.38" OD 126" Pipes	492 (223)
Additional Tie-Back/Stiff Arm for G2 Series Mounts (Optional)		
All G2 Series kits include one tie-back		
Mounts to Round, 60 ° or 90° Angles Up to 5"		
SA-B10	126" Stiff Arm	57 (26)
SA-B12	150" Stiff Arm	60 (27)
G2 Series Custom 3 Sector Tower Solutions		
MTC3752T3HDX	G23HDX 12' 6" frame with 2.88" OD face pipes, saddle mounts, pipe mounts, stiff arm and clamps. (12) 2.88" OD antenna pipes plus (6) 2.38" OD RRU pipes.	2430 (1102)
MTC3752T3HD	G23HD 12' 6" frame with 2.88" OD face pipes, saddle mounts, pipe mounts, stiff arm and clamps. (12) 2.38" OD antenna pipes plus (6) 2.38" OD RRU pipes	2314 (1049)
MTC3752T3	G23 12' 6" frame with 2.38" OD face pipes, saddle mounts, pipe mounts, stiff arm and clamps. (12) 2.38" OD antenna pipes plus (6) 2.38" OD RRU pipes	2132 (967)

The G2 series is also available with a 14' 6" frame.

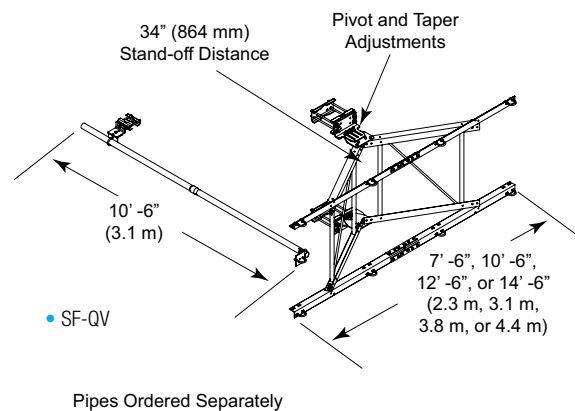
Contact steelproducts@commscope.com for additional configurations.

Tower Mounts

Medium Capacity

Quik-Vee Stand-off Sector Frames

- Application:** Lattice towers
- Size:** 7'-6", 10'-6", 12'-6" and 14'-6" (2.3 m, 3.2 m, 3.8 m and 4.4 m) Faces
- Design:** Angle design, dual gated 34" (864 mm) V stand-off
- Feature:** Quickly assembled frame with universal taper kit
- Mounts to:** Straight or tapered legs 2" up to 8-5/8" OD (219.1 mm OD), 8" (203.2 mm) angle 60°, or 6" (152.4 mm) angle 90°
- Material:** Hot dip galvanized steel
- Includes:** Frame, stiff arm, saddle mount, hardware
- Order Separately:** Pipes, stiff-arms and large leg adaptor



Face Width EPA (no ice, sq ft): EPA (1/2" radial ice, sq ft):

7'-6" Face	15.1	19.5
10'-6" Face	16.8	21.9
12'-6" Face	18.2	23.6
14'-6" Face	19.5	25.4

Man Rating: 250 lb vertical man load at 15 mph (BWS)

Wind Rating: 120 mph (BWS) per latest revision of TIA/EIA-222
140 mph 3-second gust, Exposure "D" per FBC, at 150' AGL

Additional Load Capacity Information: Please contact CommScope
Technical Support at steelproducts@commscope.com

Part Number Description Weight, lb (kg)

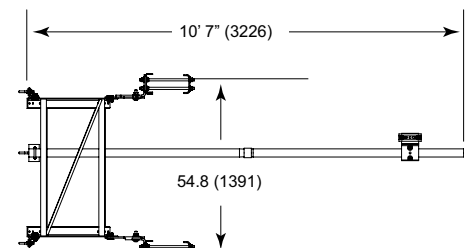
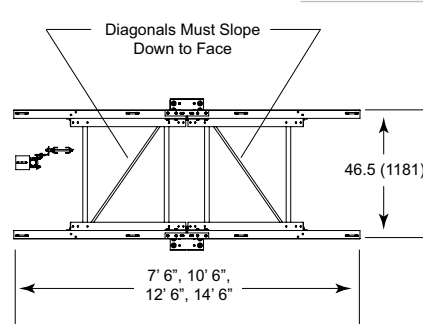
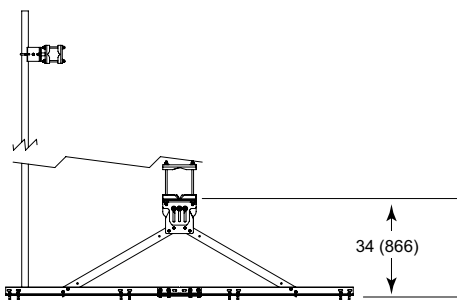
Quik-Vee Stand-off Sector Frames

SF-QV7-B	Quik-vee Sector Frame, for 2-3/8" (60.3 mm) Antenna Pipes. 7'-6" (2.3 m) Face, Pipes Ordered Separately	372 (168.5)
SF-QV10-B	Quik-vee Sector Frame, for 2-3/8" (60.3 mm) Antenna Pipes. 10'-6" (3.2 m) Face, Pipes Ordered Separately	397 (179.8)
SF-QV12-B	Quik-vee Sector Frame, for 2-3/8" (60.3 mm) Antenna Pipes. 12'-6" (3.8 m) Face, Pipes Ordered Separately	415 (188.3)
SF-QV14-B	Quik-vee Sector Frame, 14'-6" (4.4 m) Face, Pipes Ordered Separately	435 (197.4)

Part Number Description Weight, lb (kg)

Pipe and U-bolts

GUB-4240	1/2" x 2-1/2" x 4" (12.7 mm x 64 mm x 102 mm) Galvanized U-bolt Assembly	0.9 (0.4)
GUB-4352	1/2" x 3" x 5-1/4" (12.7 mm x 76 mm x 133 mm) Galvanized U-bolt Assembly	0.9 (0.4)
GUB-4356	1/2" x 3-5/8" x 6" (12.7 mm x 92.1 mm x 152.4 mm) Galvanized U-bolt Assembly	0.9 (0.4)
MT-651	2-3/8" OD x 72" (60.3 mm OD x 1.8 m) Galvanized Pipe	21 (9.5)
MT-651-84	2-3/8" OD x 84" (60.3 mm OD x 2.1 m) Galvanized Pipe	26 (11.8)
MT-651-96	2-3/8" OD x 96" (60.3 mm OD x 2.4 m) Galvanized Pipe	33 (15.2)
MT-537	2-3/8" OD x 126" (60.3 mm OD x 3.2 m) Galvanized Pipe	39 (18)
MT54672	2-7/8" OD x 72" (73 mm OD x 1.8 m) Galvanized Pipe	34 (15.4)
MT54684	2-7/8" OD x 84" (73 mm OD x 2.1 m) Galvanized Pipe	41 (18.6)
MT54696	2-7/8" OD x 96" (73 mm OD x 2.4 m) Galvanized Pipe	46 (20.8)
MT-546-126	2-7/8" OD x 126" (73 mm OD x 3.2 m) Galvanized Pipe	61 (27.6)
MT54772	3-1/2" OD x 72" (88.9 mm OD x 1.8 m) Galvanized Pipe	71 (32.2)
MT54784	3-1/2" OD x 84" (88.9 mm OD x 2.1 m) Galvanized Pipe	82 (37.2)
MT54796	3-1/2" OD x 96" (88.9 mm OD x 2.4 m) Galvanized Pipe	94 (42.6)
MT-547-126	3-1/2" OD x 126" (88.9 mm OD x 3.2 m) Galvanized Pipe	125 (56.7)



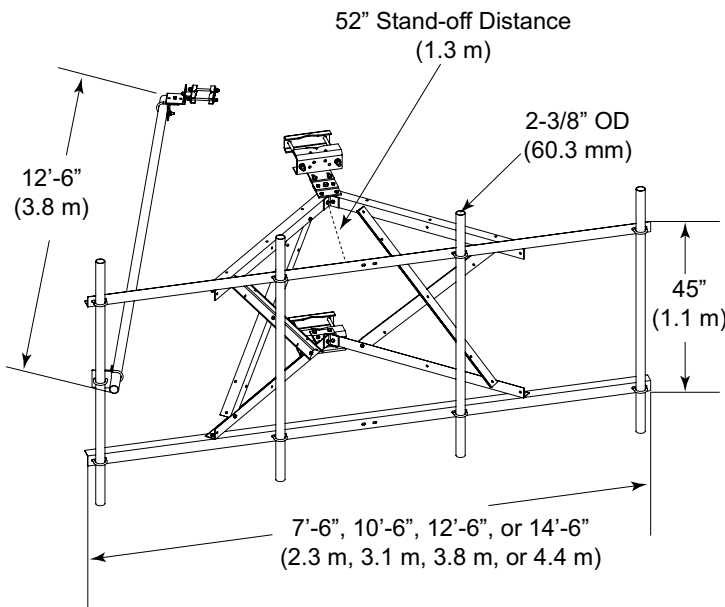
Tower Mounts

Light Capacity

Universal Stand-off Sector Frames

Application:	Lattice towers
Size:	7'-6", 10'-6", 12'-6" and 14'-6" (2.3 m, 3.2 m, 3.8 m and 4.4 m) Faces
Design:	Frame with 52" (1.3 m) stand-off
Feature:	Angle design, dual gated 52" (1.3 m) stand-off
Mounts to:	Straight or tapered legs up to 8-5/8" (219.1 mm) OD, 8" (203.2 mm) angle 60°, or 6" (152.4 mm) angle 90°
Material:	Hot dip galvanized steel
Includes:	Frame, clamps and stiff arm. Pipes and saddle mounts unless noted.

Order Separately: Pipes, stiff-arms and large leg adaptor



Face Width **EPA (no ice, sq ft):** **EPA (1/2" radial ice, sq ft):**

7'-6" Face	15.1	19.5
10'-6" Face	16.8	21.9
12'-6" Face	18.2	23.6
14'-6" Face	19.5	25.4

Man Rating: 250 lb vertical man load at 15 mph (BWS)

Wind Rating: 120 mph (BWS) per latest revision of TIA/EIA-222
140 mph 3-second gust, Exposure "D" per FBC, at 150' AGL

Additional Load Capacity Information: Please contact
CommScope Technical Support at steelproducts@commscope.com

Part Number	Description	Weight, lb (kg)
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Stand-off Sector Frame 7'-6" (2.3 m) Wide for 2-3/8" (60.3 mm) Antenna Pipes (Pipes Ordered Separately)

SF-SU7-B	Pipes Ordered Separately	334 (151.5)
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Stand-off Sector Frame 7'-6" (2.3 m) Wide. Pipes Included

SF-SU7-2-72	Two 2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	380 (172.4)
SF-SU7-2-96	Two 2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	395 (179.2)
SF-SU7-2-126	Two 2-3/8" OD x 126" (60.3 mm OD x 3.2 m)	413 (187.3)

Stand-off Sector Frame 10'-6" (3.1 m) Wide for 2-3/8" (60.3 mm) Antenna Pipes (Pipes Ordered Separately)

SF-SU10-B	Pipes Ordered Separately	353 (160.1)
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Stand-off Sector Frame 10'-6" (3.1 m) Wide. Pipes Included

SF-SU10-2-72	Two 2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	399 (181.0)
SF-SU10-2-96	Two 2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	414 (187.8)
SF-SU10-2-126	Two 2-3/8" OD x 126" (60.3 mm OD x 3.2 m)	432 (196.0)
SF-SU10-3-72	Three 2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	423 (191.9)
SF-SU10-3-96	Three 2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	444 (201.4)
SF-SU10-3-126	Three 2-3/8" OD x 126" (60.3 mm OD x 3.2 m)	472 (214.1)
SF-SU10-4-72	Four 2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	446 (202.3)
SF-SU10-4-96	Four 2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	475 (215.5)
SF-SU10-4-126	Four 2-3/8" OD x 126" (60.3 mm OD x 3.2 m)	511 (231.8)

Stand-off Sector Frame 12'-6" (3.8 m) Wide for 2-3/8" (60.3 mm) Antenna Pipes (Pipes Ordered Separately)

SF-SU12-B	Pipes Ordered Separately	368 (166.9)
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Stand-off Sector Frame 12'-6" (3.8 m) Wide. Pipes Included

SF-SU12-2-72	Two 2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	414 (187.8)
SF-SU12-2-96	Two 2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	429 (194.6)
SF-SU12-2-126	Two 2-3/8" OD x 126" (60.3 mm OD x 3.2 m)	447 (202.8)
SF-SU12-3-72	Three 2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	438 (198.7)
SF-SU12-3-96	Three 2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	459 (208.2)
SF-SU12-3-126	Three 2-3/8" OD x 126" (60.3 mm OD x 3.2 m)	487 (220.9)
SF-SU12-4-72	Four 2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	461 (209.1)
SF-SU12-4-96	Four 2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	490 (222.3)
SF-SU12-4-126	Four 2-3/8" OD x 126" (60.3 mm OD x 3.2 m)	537 (243.6)

Stand-off Sector Frame 14'-6" (4.4 m) Wide for 2-3/8" (60.3 mm) Antenna Pipes (Pipes Ordered Separately)

SF-SU14-B	Pipes Ordered Separately	383 (173.7)
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Stand-off Sector Frame 14'-6" (4.4 m) Wide. Pipes Included

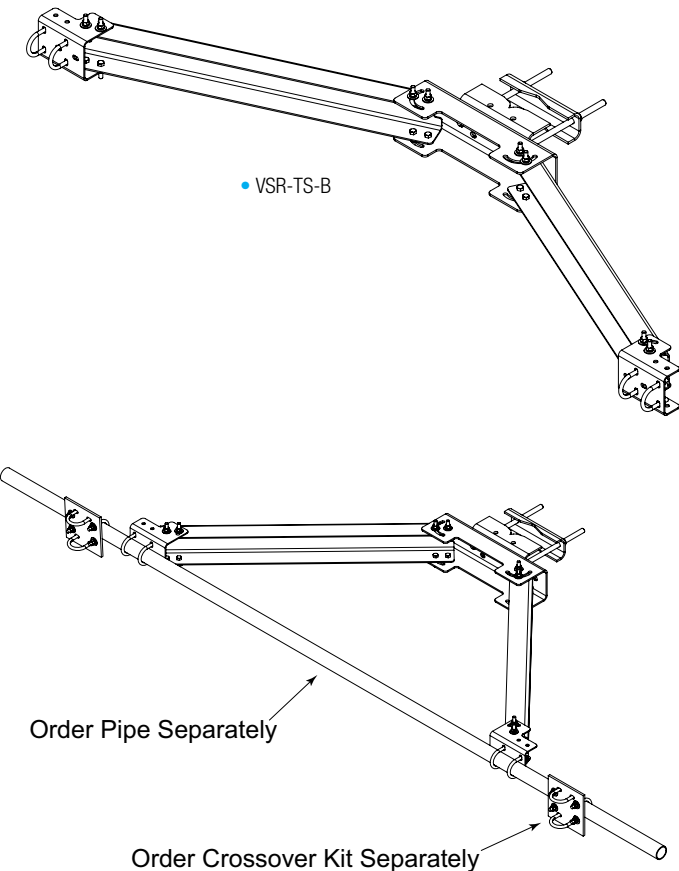
SF-SU14-2-72	Two 2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	429 (194.6)
SF-SU14-2-96	Two 2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	444 (201.4)
SF-SU14-2-126	Two 2-3/8" OD x 126" (60.3 mm OD x 3.2 m)	462 (209.6)
SF-SU14-3-72	Three 2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	453 (205.5)
SF-SU14-3-96	Three 2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	474 (215.0)
SF-SU14-3-126	Three 2-3/8" OD x 126" (60.3 mm OD x 3.2 m)	502 (227.7)
SF-SU14-4-72	Four 2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	476 (215.9)
SF-SU14-4-96	Four 2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	505 (229.1)
SF-SU14-4-126	Four 2-3/8" OD x 126" (60.3 mm OD x 3.2 m)	541 (245.4)

Tower Mounts

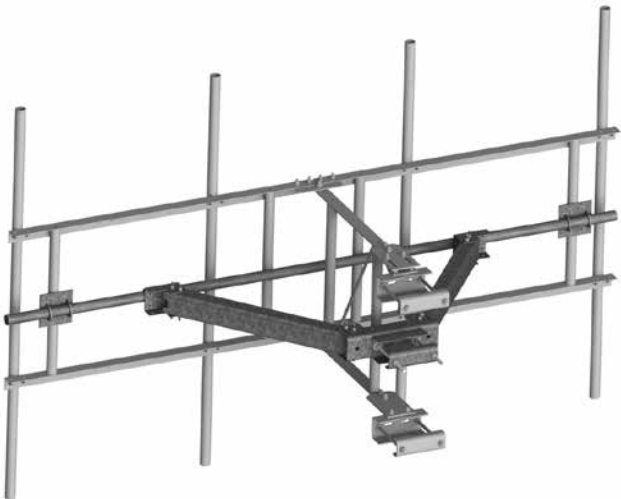
Reinforcement Kits

V-Stabilizer™ Reinforcement

- Application:** Lattice towers
- Design:** Sector frame reinforcement
- Feature:** Universal design, dual articulating arms, supports up to 36" (0.9 m) stand-off, azimuth adjustment, t-arm and sector frame compatible
- Mounts to:** Vertical or tapered legs
"TS" model: 2" (508 mm) up to 8-5/8" (219.1 mm), 8" (203.2 mm) angle 60°, 6" (152.4 mm) angle 90°
"TL" model: 5" (127 mm) up to 16-5/8" (0.4 m), 16" (0.4 m) angle 60°, 11.5" (0.3 m) angle 90°
- Material:** Hot dip galvanized steel
- Includes:** Saddle mount, support arms, u-bolts for 2-3/8" (60.3 mm) horizontal pipes
- Order Separately:** Horizontal support pipe, crossover plate kits, u-bolts for larger diameter support pipes



Part Number	Description	Weight, lb (kg)
V-Stabilizer™ Re-enforcement		
VSR-TS-B	V-Stabilizer™ for a Tower, Small Leg Size (2" - 8"), Single Kit	126 (57.2)
VSR-TL-B	V-Stabilizer™ for a Tower, Large Leg Size (8" - 16"), Single Kit	148 (67.1)



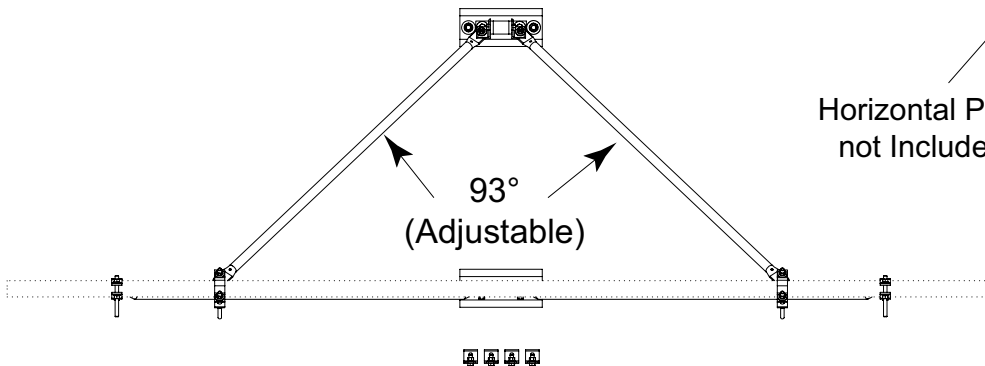
Tower Mounts

Reinforcement Kits

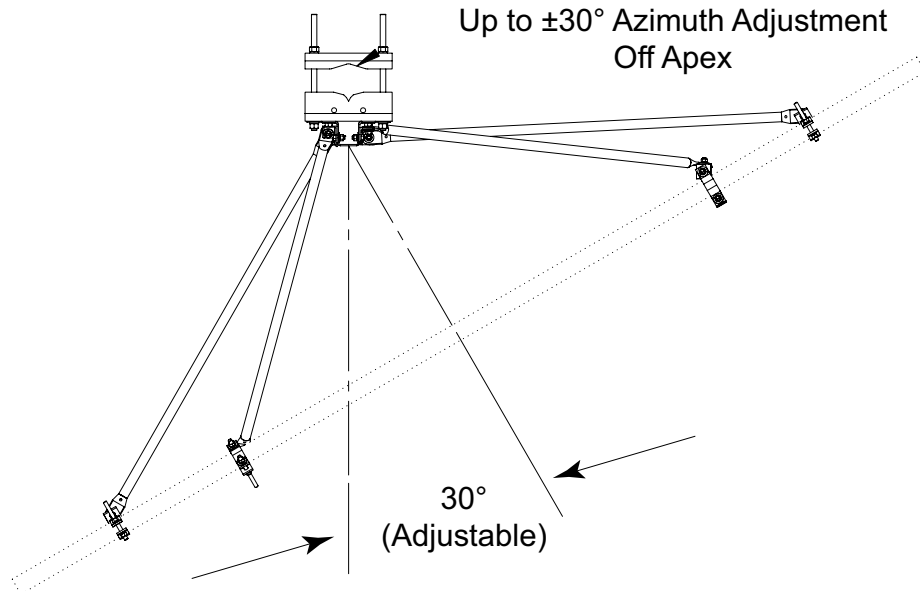
Dual V-Stabilizer™ Reinforcement

- Application:** Lattice towers
- Design:** Sector frame reinforcement
- Feature:** Universal design, dual articulating arms, supports up to 36" (0.9 m) stand-off, azimuth adjustment, t-arm and sector frame compatible
- Mounts to:** Vertical or tapered legs
"TS" model: 2" (508 mm) up to 8-5/8" (219.1 mm), 8" (203.2 mm) angle 60°, 6" (152.4 mm) angle 90°
- Material:** Hot dip galvanized steel
- Includes:** Saddle mount, support arms, horizontal pipes, brackets for 1.9" to 3.5" OD horizontal pipes not included
- Order Separately:** Horizontal support pipe, crossover plate kits, u-bolts for larger diameter support pipes

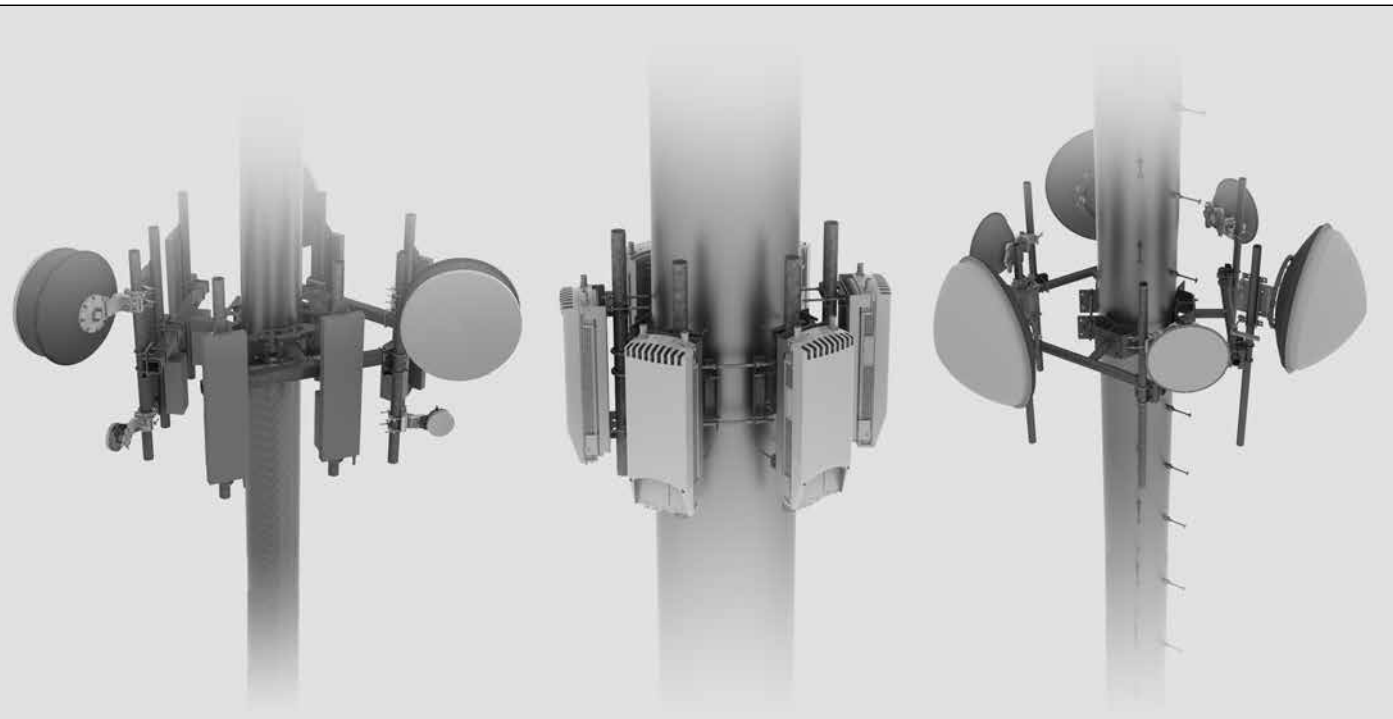
Part Number	Description	Weight, lb (kg)
Dual V-Stabilizer™ Re-enforcement Kit		
VSRDUAL-TS-B	Dual V-Stabilizer™ for a Tower, Small Leg Size 126 (57.2) 2" - 8"	129 (58.5)
VSRDUAL-TS-B-HD	Heavy Duty Dual V-Stabilizer™ for a Tower, Small Leg Size 2" - 8"	140 (64)



Horizontal Pipe
not Included



Up to $\pm 30^\circ$ Azimuth Adjustment
Off Apex



- Monopole, G2, Three Sector Frame Kit
- High Capacity Monopole Platform Kits
- Monopole Co-location Kits
- Monopole Mount Reinforcement Kits

Monopole Mounts

G2 Series, High Capacity Sector Frames

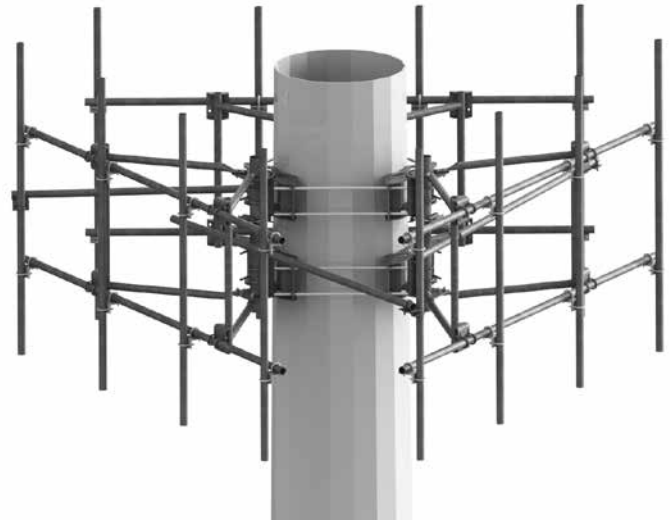
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Features

- Tower and Monopole Solutions
- Single and 3 Sector Solutions
- High Capacity, Future Proof Equipment EPA & Loading
- Partially Pre-Assembled Frames

Benefits

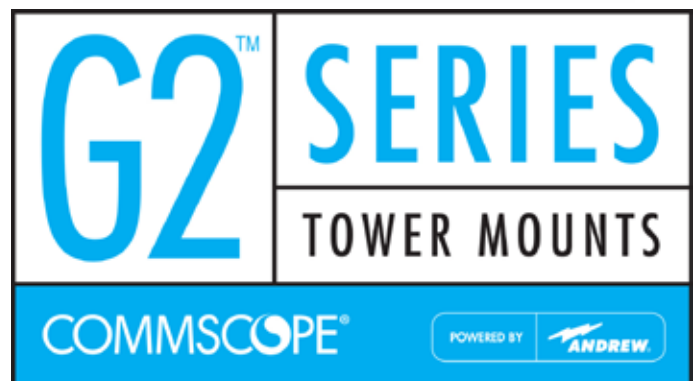
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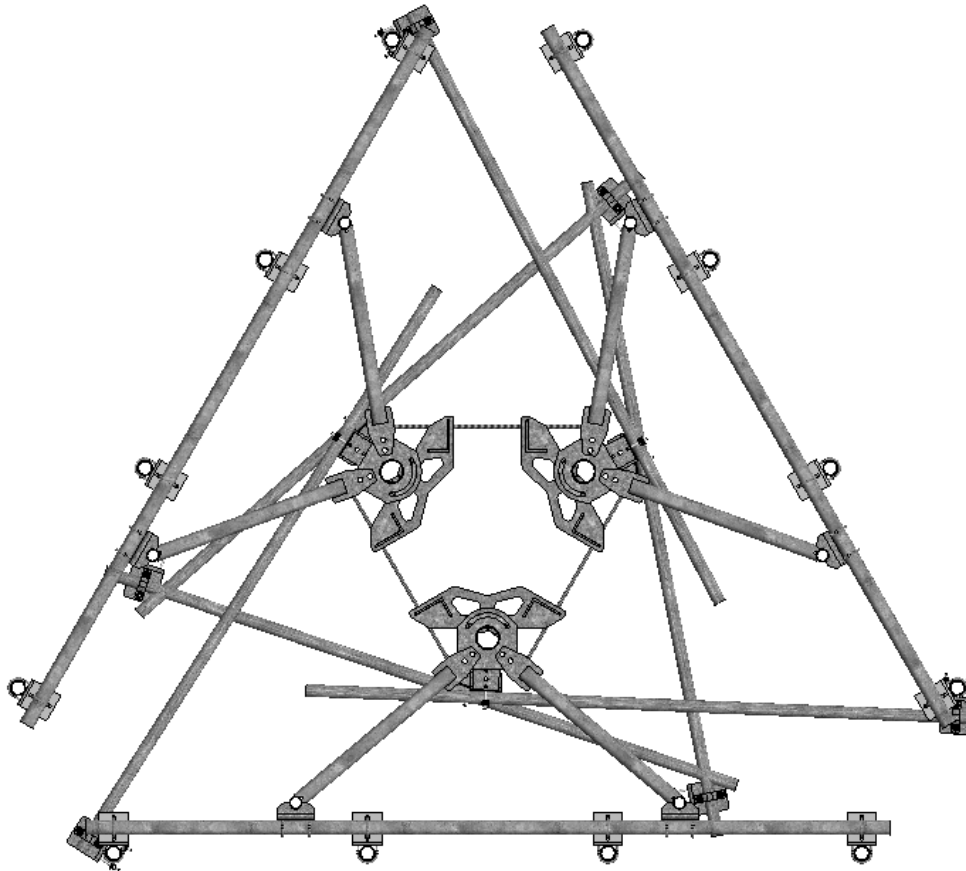


• MCG2 Series Monopole Mounts



• SFG2 Series Tower Mounts



Monopole Mounts**G2 Series, High Capacity Sector Mount**

- Single G2 Series Monopole PN includes Complete Three Sector Kit
 - Spine is Mounted Directly Onto Ring Mounts Via Two U-bolts

G2 Series Tower Mount Family	
G22 Series	Up to 8,000 lbs. per sector (including ice)
G23 Series	Up to 10,000 lbs. per sector (including ice)
G23HD Series	Up to 10,000 lbs. + HD Face Pipes for Increased Offset Loading - Std. Antenna Pipes
G23HDX Series	Up to 10,000 lbs. + HD Face Pipes for Increased Offset Loading - HD Antenna Pipes

Monopole Mounts

G2 Series Monopole Solutions

G2 Series Monopole Solutions

Application:	Monopoles 15" to 50" OD, (.4 m to 1.3 m)
Size:	10' -6", 12' -6" and 14' -6" (3.2 m, 3.8 m and 4.4 m) Face width
Feature:	Heavy duty tubular v-frame design, suitable for up to 5 antennas, quick set-up and assembly with (8) taper positions and 120° of azimuth adjustment
Mounts to:	Monopoles 15" to 50" OD, (.4 m to 1.3 m)
Material:	Hot dip galvanized steel
Includes:	Frame assembly, saddle mounts, face pipes, stiff arm pipe (1), antenna pipe mounts and antenna pipes (9 or 12)
Order Separately:	Additional or larger antenna mounting pipes and mounting brackets

Part Number	Description	Weight, lb (kg)
MCG23HDX Series Three Sector Monopole Co-location Frames		
12' 6" 2.88" OD Face Pipes		
MCG23HDX-12M-9-96	(9) 2.88" OD 96" Pipes	2556 (1159)
MCG23HDX-12M-9-126	(9) 2.88" OD 126" Pipes	2657 (1205)
MCG23HDX-12M-12-96	(12) 2.88" OD 96" Pipes	2702 (1226)
MCG23HDX-12M-12-126	(12) 2.88" OD 126" Pipes	2867 (1300)
10' 6" 2.88" OD Face Pipes		
MCG23HDX-10M-9-96	(9) 2.88" OD 96" Pipes	2496 (1132)
MCG23HDX-10M-9-126	(9) 2.88" OD 126" Pipes	2599 (1179)
MCG23HDX-10M-12-96	(12) 2.88" OD 96" Pipes	2643 (1199)
MCG23HDX-10M-12-126	(12) 2.88" OD 126" Pipes	2812 (1276)
MCG23HD Series Three Sector Monopole Co-location Frames		
12' 6" 2.88" OD Face Pipes		
MCG23HD-12M-9-96	(9) 2.38" OD 96" Pipes	2294 (1041)
MCG23HD-12M-9-126	(9) 2.38" OD 126" Pipes	2338 (1061)
MCG23HD-12M-12-96	(12) 2.38" OD 96" Pipes	2371 (1076)
MCG23HD-12M-12-126	(12) 2.38" OD 126" Pipes	2461 (1116)
10' 6" 2.88" OD Face Pipes		
MCG23HD-10M-9-96	(9) 2.88" OD 96" Pipes	2235 (1014)
MCG23HD-10M-9-126	(9) 2.88" OD 126" Pipes	2280 (1034)
MCG23HD-10M-12-96	(12) 2.88" OD 96" Pipes	2313 (1049)
MCG23HD-10M-12-126	(12) 2.88" OD 126" Pipes	2406 (1091)

Part Number	Description	Weight, lb (kg)
MCG23 Series Three Sector Monopole Co-Location Frames		
12' 6" 2.38" OD Face Pipes		
MCG23-12M-9-96	(9) 2.38" OD 96" Pipes	2058 (934)
MCG23-12M-9-126	(9) 2.38" OD 126" Pipes	2094 (950)
MCG23-12M-12-96	(12) 2.38" OD 96" Pipes	2121 (962)
MCG23-12M-12-126	(12) 2.38" OD 126" Pipes	2210 (1002)
10' 6" 2.38" OD Face Pipes		
MCG23-10M-9-96	(9) 2.38" OD 96" Pipes	2014 (914)
MCG23-10M-9-126	(9) 2.38" OD 126" Pipes	2050 (930)
MCG23-10M-12-96	(12) 2.38" OD 96" Pipes	2077 (942)
MCG23-10M-12-126	(12) 2.38" OD 126" Pipes	2167 (983)
MCG22 Series Three Sector Monopole Co-location Frames		
12' 6" 2.38" OD Face Pipes		
MCG22-12M-9-96	(9) 2.38" OD 96" Pipes	1651 (749)
MCG22-12M-9-126	(9) 2.38" OD 126" Pipes	1726 (783)
MCG22-12M-12-96	(12) 2.38" OD 96" Pipes	1755 (796)
MCG22-12M-12-126	(12) 2.38" OD 126" Pipes	1844 (837)
10' 6" 2.38" OD Face Pipes		
MCG22-10M-9-96	(9) 2.38" OD 96" Pipes	1518 (688)
MCG22-10M-9-126	(9) 2.38" OD 126" Pipes	1685 (764)
MCG22-10M-12-96	(12) 2.38" OD 96" Pipes	1711 (776)
MCG22-10M-12-126	(12) 2.38" OD 126" Pipes	1801 (817)
Additional Tie-Back/Stiff Arm for G2 Series Mounts (Optional)		
All G2 Series kits include one tie-back		
Mounts to Round, 60 degree or 90 degree angles Up to 5"		
SA-B10	126" Stiff Arm	57 (26)
SA-B12	150" Stiff Arm	60 (27)
G2 Series Custom Three Sector Monopole Solutions		
MTC3752M3HDX	G23HDX 12' 6" frame with 2.88" OD face pipes, saddle mounts, pipe mounts, stiff arm and clamps. (12) 2.88" OD antenna pipes plus (6) 2.38" OD RRU pipes.	2821 (1280)
MTC3752M3HD	G23HD 12' 6" frame with 2.88" OD face pipes, saddle mounts, pipe mounts, stiff arm and clamps. (12) 2.38" OD antenna pipes plus (6) 2.38" OD RRU pipes	2515 (1141)
MTC3752M3	G23 12' 6" frame with 2.38" OD face pipes, saddle mounts, pipe mounts, stiff arm and clamps. (12) 2.38" OD antenna pipes plus (6) 2.38" OD RRU pipes	2338 (1060)

The G2 series is also available with a 14' 6" frame.

Contact steelproducts@commscope.com for additional configurations.

Monopole Mounts

Co-Location Platform Kits

Monopole Co-Location Platforms for 12" to 50" Monopoles

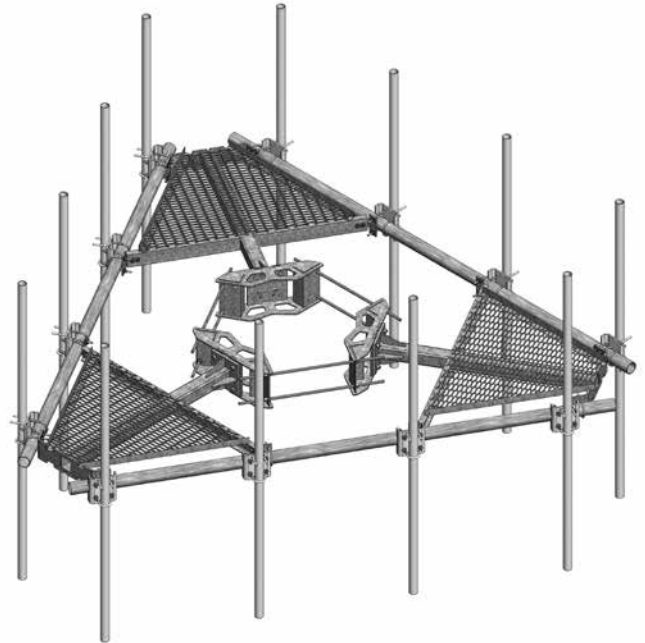
CommScope is now offering three new Monopole Co-Location Platform product families designed for monopoles ranging from 12" to 50" OD:

- MC-PK-M Series Low Profile Co-Location Platform
- MC-CP-M Series Medium Capacity Co-Location Platform
- MC-HP-M Series High Capacity Co-Location Platform

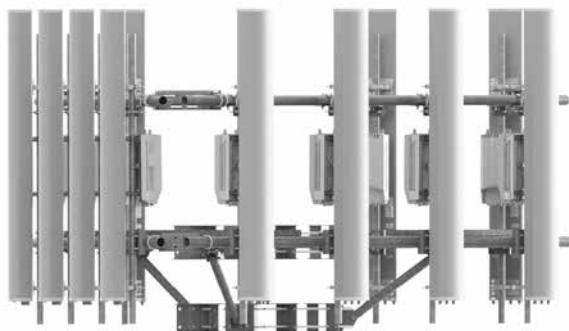
All three product families are available as a base kit with ring mount and platform only or as a complete kit that includes the antenna pipes, handrails and mounting hardware. The monopole mounts are also available with the option of a 12' 6" face or 14' 6" face.

Features:

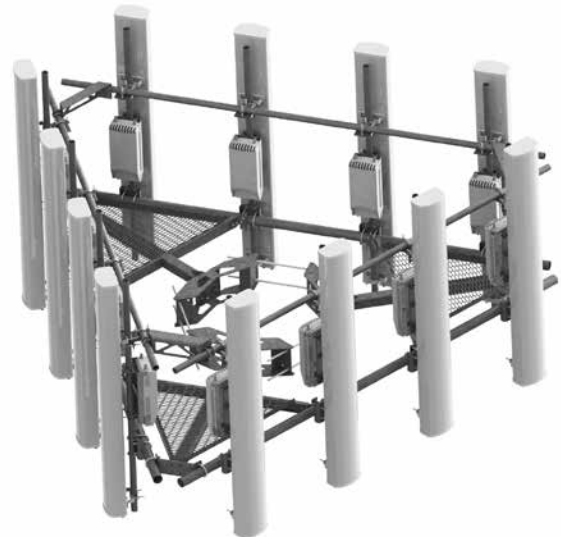
- Fits 12" to 50" Monopoles
- Three-Sector Solutions
- 12.5' and 14.5' Face Options
- Available as Base Kit or with Pipes Included
- Hot Dip Galvanized Steel
- AISC Certified Manufacturing



• MC-PK-M Series Low Profile Platform



• MC-HP-M Series High Capacity Platform



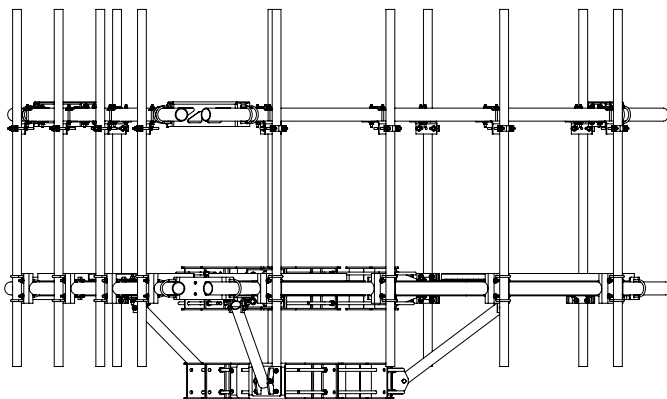
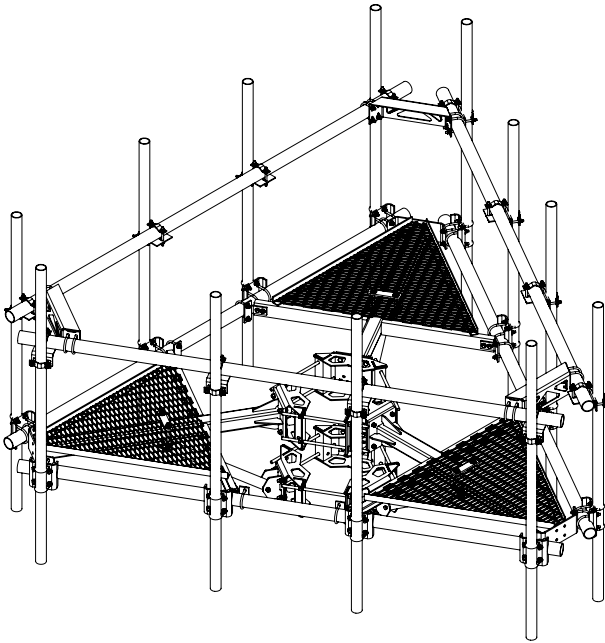
• MC-CP-M Series Medium Capacity Platform

Monopole Mounts

High Capacity Co-location Platform Kit

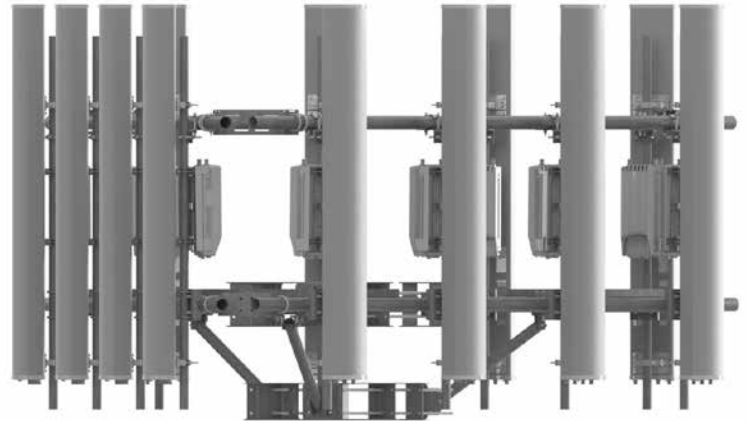
MC-HP Monopole Co-location Platform

- Application:** Monopoles 12" to 50" OD
- Design:** 12' -6" (3.8 m) or 14' -6" (4.4 m) Face, corner grated platform kit
- Feature:** Complete platform kit, 2-3/8" (60.3 mm) diameter antenna mount pipes, 2-7/8" (73 mm) handrail support system, load distribution kicker kit
- Mounts to:** 12" to 50" OD Monopoles
- Material:** Hot dip galvanized steel
- Includes:** Platform, ring mounts, kickers, handrails, antenna pipes, hardware
- Order Separately:** Additional or larger antenna mounting pipes and related hardware



MC-HP-M Series – High Capacity Co-Location Platforms

Part Number	Description	Weight, lb (kg)
MC-HP-M Series Fits Monopoles 12" to 50" OD		
MC-HP12M-B	High Capacity Co-location Platform Base Kit, 12.5 ft face, pipes sold separately	1321 (599)
MC-HP12M-12-96	High Capacity Co-location Platform Kit, 12.5 ft face, includes twelve 96" pipes	1669 (757)
MC-HP12M-12-126	High Capacity Co-location Platform Kit, 12.5 ft face, includes twelve 126" pipes	1685 (764)
MC-HP14M-B	High Capacity Co-location Platform Base Kit, 14.5 ft face, pipes sold separately	1321 (599)
MC-HP14M-12-96	High Capacity Co-location Platform Kit, 14.5 ft face, includes twelve 96" pipes	1669 (757)
MC-HP14M-12-126	High Capacity Co-location Platform Kit, 14.5 ft face, includes twelve 126" pipes	1685 (764)



Man Rating: 250 lb vertical man load at 15 mph (BWS)

Wind Rating: 120 mph (BWS) per latest revision of TIA/EIA-222
140 mph 3-second gust, Exposure "D" per FBC, at 150' AGL

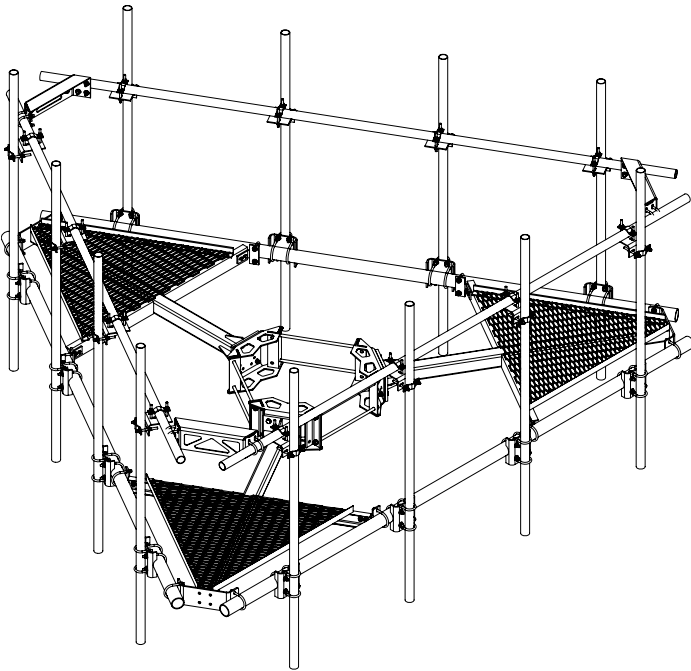
Additional Load Capacity Information: Please contact
CommScope Technical Support at steelproducts@commscope.com

Monopole Mounts

Medium Capacity Co-location Platform Kit

MC-CP Monopole Co-location Platform

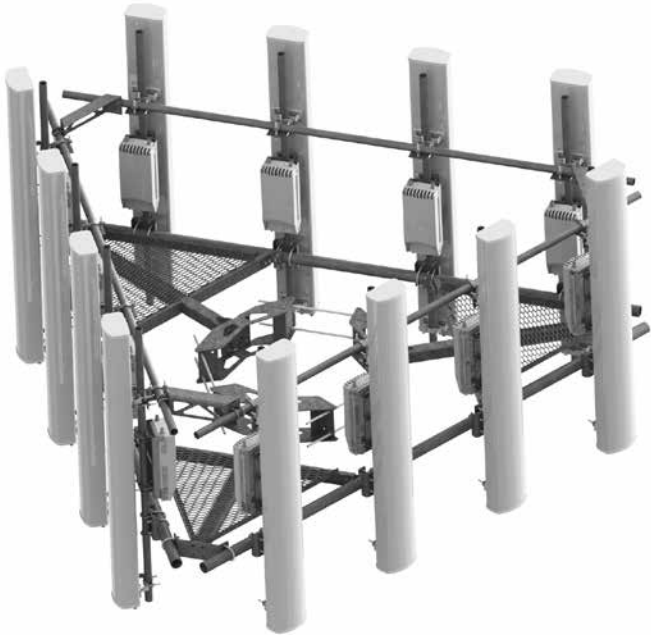
- Application:** Monopoles 12" to 50" OD
- Design:** 12'-6" and 14' -6" (3.8 m or 4.4 m) Face, corner grated platform kit
- Feature:** Complete platform kit, 2-3/8" (60.3 mm) diameter antenna mount pipes, 2-3/8" (60.3 mm) handrail support system
- Material:** Hot dip galvanized steel
- Includes:** Platform, ring mounts, handrails, antenna pipes, hardware
- Order Separately:** Additional or larger antenna mounting pipes and related hardware



- Man Rating:** 250 lb vertical man load at 15 mph (BWS)
- Wind Rating:** 120 mph (BWS) per latest revision of TIA/EIA-222
140 mph 3-second gust, Exposure "D" per FBC, at 150' AGL
- Additional Load Capacity Information:** Please contact CommScope Technical Support at steelproducts@commscope.com

MC-CP-M Series Medium Capacity Co-location Platforms

Part Number	Description	Weight, lb (kg)
MC-CP Series Fits Monopoles 12" to 50" OD		
MC-CP12M-B	Medium Capacity Co-location Platform Base Kit, 12.5 ft. face, pipes ordered separately	1434 (650)
MC-CP12M-12-96	Medium Capacity Co-location Platform Kit, 12.5 ft. face. Includes (12) 96" Pipes	1783 (809)
MC-CP12M-12-126	Medium Capacity Co-location Platform Kit, 12.5 ft. face. Includes (12) 126" Pipes	1800 (816)
MC-CP14M-B	Medium Capacity Co-location Platform Base Kit, 14.5 ft. face, pipes ordered separately	1467 (665)
MC-CP14M-12-96	Medium Capacity Co-location Platform Kit, 14.5 ft face, includes twelve 96" pipes	1816 (824)
MC-CP14M-12-126	Medium Capacity Co-location Platform Kit, 14.5 ft face, includes twelve 126" pipes	1832 (831)



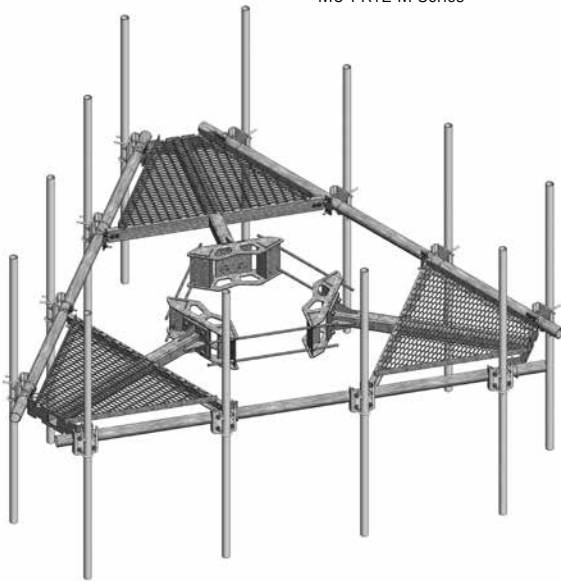
Monopole Mounts

Low-profile Co-location Platform Kit

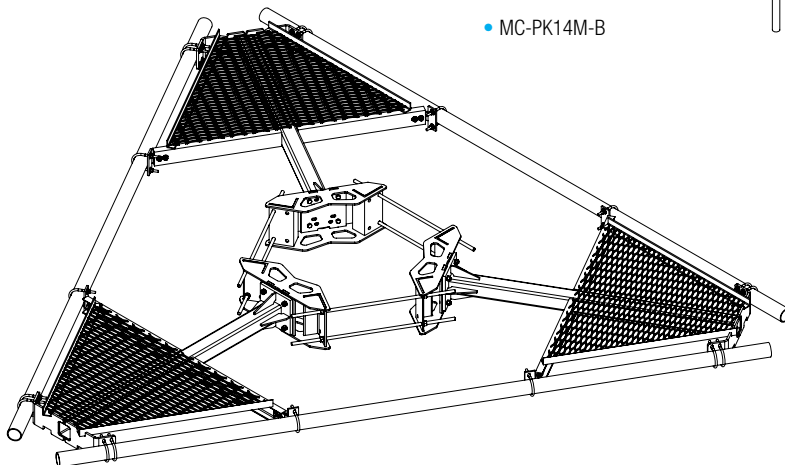
MC-PK Monopole Co-location Platform Kit

- Application:** Monopoles 12" to 50" OD
- Design:** 12'-6" and 14' -6" (3.8 m or 4.4 m) Face, corner grated platform kit
- Feature:** Complete platform kit, 2-3/8" (60.3 mm) diameter antenna mount pipes
- Material:** Hot dip galvanized steel
- Includes:** Platform, ring mounts, antenna pipes, hardware
- Order Separately:** Additional or larger antenna mounting pipes and related hardware

• MC-PK12 M Series

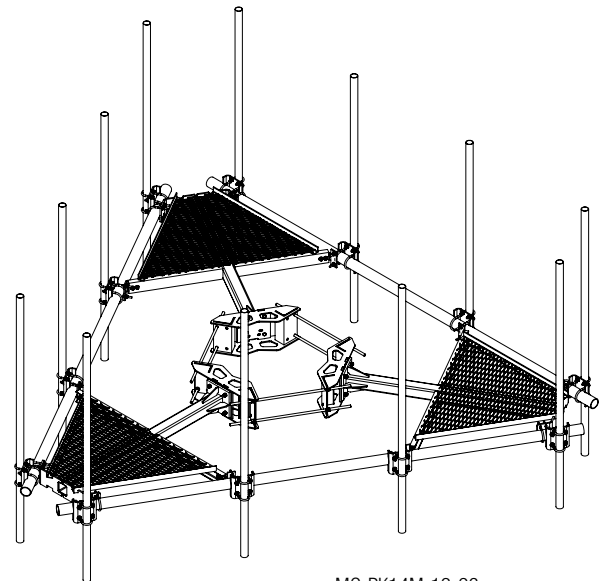


• MC-PK14M-B



MC-PK-M Series Low-profile Co-location Platforms

Part Number	Description	Weight, lb (kg)
MC-PK Series Fits Monopoles 12" to 50" OD		
MC-PK12M-B	Low-profile Co-location Platform Base Kit, 12.5 ft. face, pipes ordered separately	1060 (481)
MC-PK12M-12-96	Low-profile Co-location Platform Kit, 12.5 ft. face. Includes (12) 96" Pipes	1545 (701)
MC-PK12M-12-126	Low-profile Co-location Platform Kit, 12.5 ft. face. Includes (12) 126" Pipes	1560 (708)
MC-PK14M-B	Low-profile Co-location Platform Base Kit, 14.5 ft. face, pipes ordered separately	1210 (549)
MC-PK14M-12-96	Low-profile Co-location Platform Kit, 14.5 ft. face, Includes (12) 96" Pipes	1695 (769)
MC-PK14M-12-126	Low-profile Co-location Platform Kit, 14.5 ft. face, Includes (12) 126" Pipes	1710 (776)



• MC-PK14M-12-96

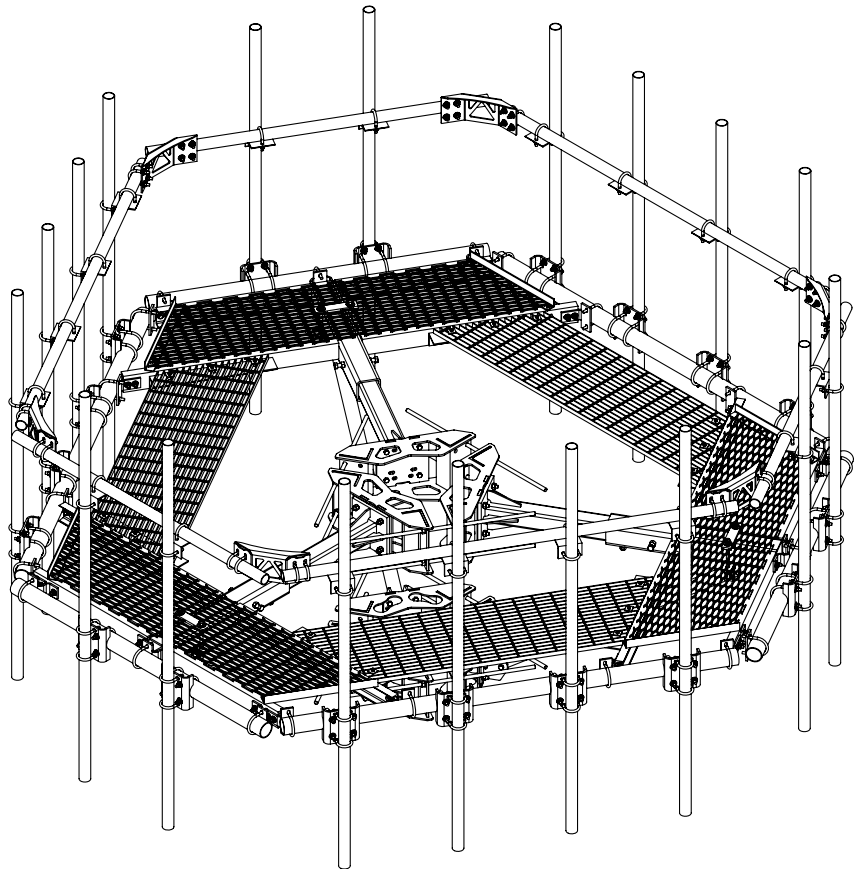
Additional Load Capacity Information: Please contact CommScope Technical Support at steelproducts@commscope.com

Monopole Mounts**Co-Location Platform Kits****Six-Sector Monopole Co-Location Platform**

Always ready to meet the challenges of changing site requirements, CommScope announces the release of a new monopole co-location platform that enables carriers to co-locate six-sectors on a single mount structure. The new MTC3984 Six-Sector Platform is based on CommScope's proven MC-HP Series high capacity platform design, customized to accommodate additional sectors within a modified footprint. The MTC3984 is sold as a complete kit that includes ring mount, platform, hand rail, kicker reinforcement kit, and (18) 96" antenna pipes.

Features:

- 3-Sectors with 8 foot faces
- 3-Sectors with 6 foot faces
- Full Grating Support
- Hand Rail Kit
- Ring Mount for Monopoles 12" to 50" OD
- Kicker Reinforcement Kit with 60" Arms
- (18) 2-3/8" OD X 96" Antenna Pipes
- Hot Dip Galvanized Steel
- AISC Certified Manufacturing

**Support Information**

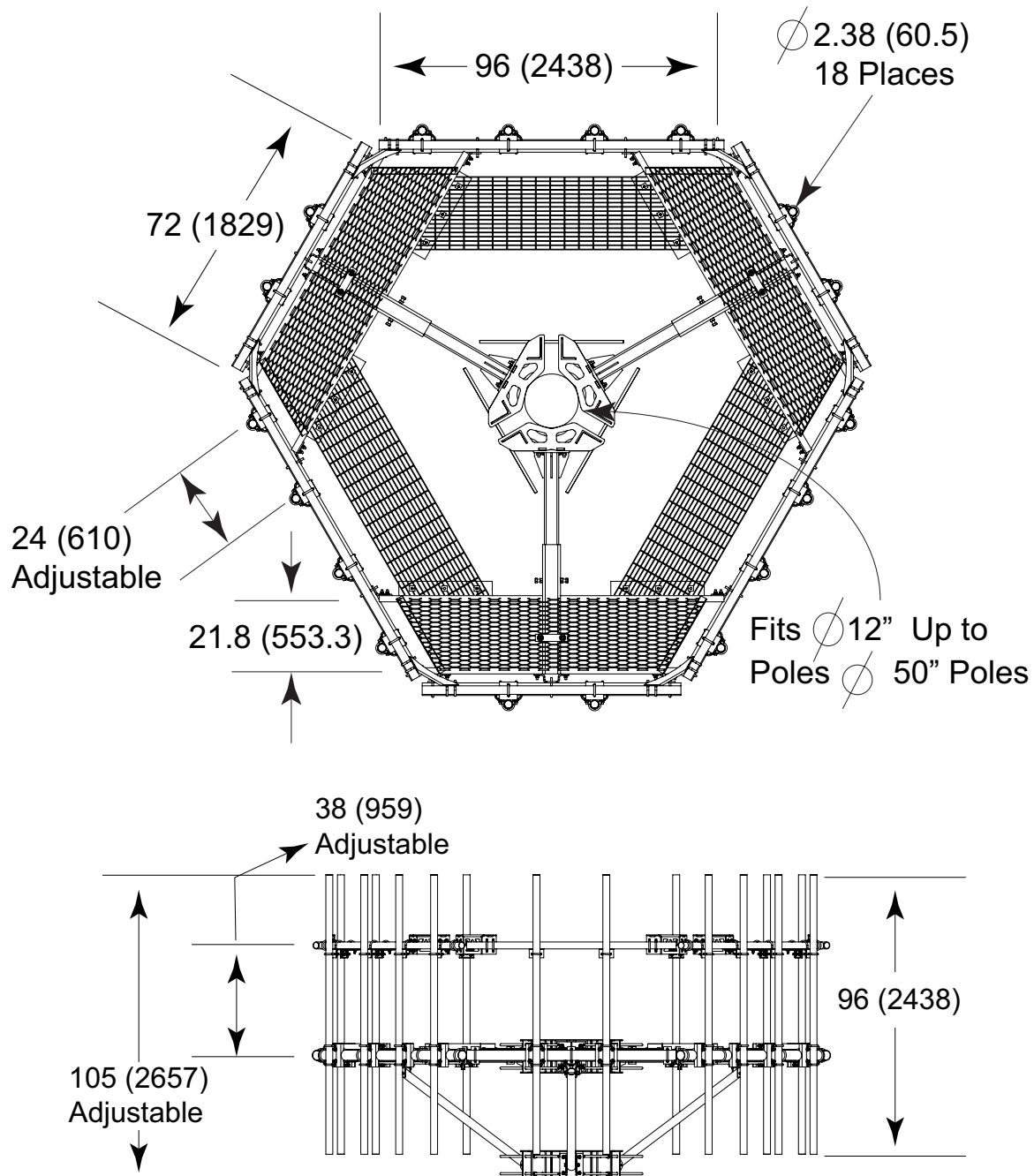
Please Contact steelproducts@commscope.com for additional information.

Monopole Mounts

Co-Location Platform Kits

Six-Sector Monopole Co-Location Platform

Part Number	Description	Weight, lb (kg)
Six-Sector Monopole Co-Location Platform		
MTC3984	Six-Sector Monopole Co-Location Platform Kit (includes 18)	2874

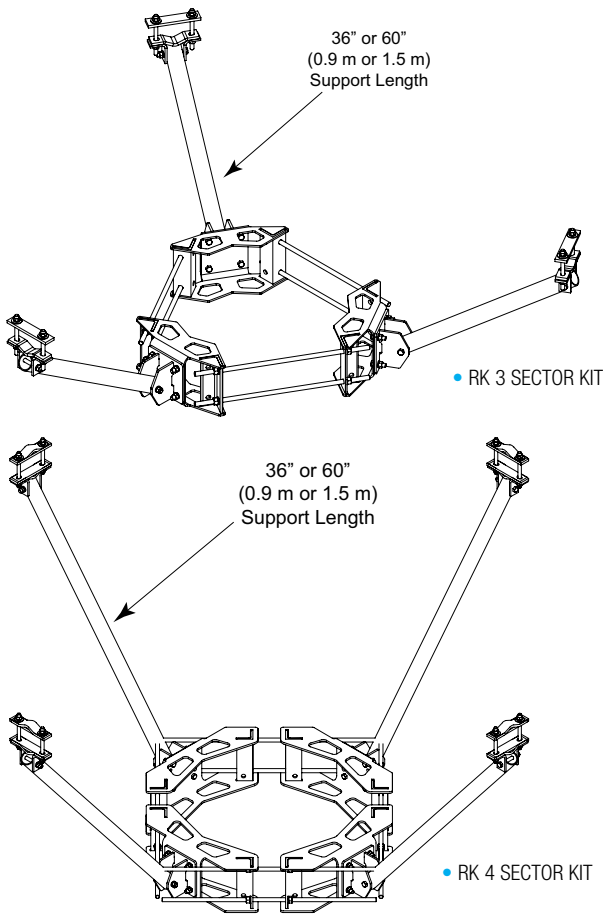


Monopole Mounts

Load Distribution Reinforcement Kit

Monopole RK Series Reinforcement Kits

Application:	Monopoles
Design:	Reinforcement kicker kit
Feature:	Support platforms and t-arms, ring mounts included, compatible with round or square tube mounts. * Supports up to 25,000 lbs vertical loading per sector arm
Mounts to:	"3S", 4S Models: 10" - 30" OD (254 mm - 762 mm) monopoles "3M" Model: 15" - 50" OD (0.4 m - 1.3 m) monopoles "3L", 4L Models: 30" - 60" OD (762 mm - 1524 mm) monopoles
Material:	Hot dip galvanized steel
Includes:	Ringmount, kickers, hardware



EPA (CaAa):

EPA: for RK-36x Reinforcement Kit = 3.2 sq. ft.

EPA: for RK-60x Reinforcement Kit = 4.6 sq. ft.

Part Number	Description	Weight, lb (kg)
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Load Distribution Reinforcement Kit 3 Sector, 36" Kicker

RK-36-3S	Reinforcement Kit, 3 Sector - 10" to 30" OD	245 (111)
RK-36-3M	Reinforcement Kit, 3 Sector - 15" to 50" OD	315 (143)
RK-36-3L	Reinforcement Kit, 3 Sector - 30" to 60" OD	341 (155)

Part Number	Description	Weight, lb (kg)
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Load Distribution Reinforcement Kit 3 Sector, 60" Kicker

RK-60-3S	Reinforcement Kit, 3 Sector - 10" to 30" OD	277 (126)
RK-60-3M	Reinforcement Kit, 3 Sector - 15" to 50" OD	347 (157)
RK-60-3L	Reinforcement Kit, 3 Sector - 30" to 60" OD	370 (168)

Part Number	Description	Weight, lb (kg)
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Field Adjustable Reinforcement Kit 3 Sector, 10' Kicker

MTC3853L	Reinforcement Kit, 3 Sector - 30" to 60" OD	544 (247)
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Part Number	Description	Weight, lb (kg)
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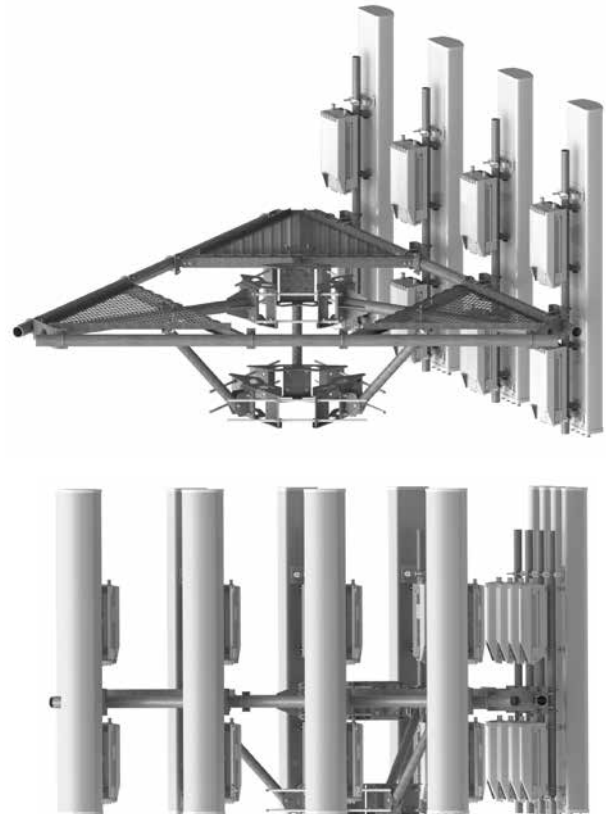
Load Distribution Reinforcement Kit 4 Sector, 36" Kicker

RK-36-4S	Reinforcement Kit, 4 Sector - 10" to 30" OD	291 (132)
RK-36-4L	Reinforcement Kit, 4 Sector - 30" to 60" OD	411 (186)

Part Number	Description	Weight, lb (kg)
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Load Distribution Reinforcement Kit 4 Sector, 60" Kicker

RK-60-4S	Reinforcement Kit, 4 Sector - 10" to 30" OD	345 (157)
RK-60-4L	Reinforcement Kit, 4 Sector - 30" to 60" OD	455 (206)



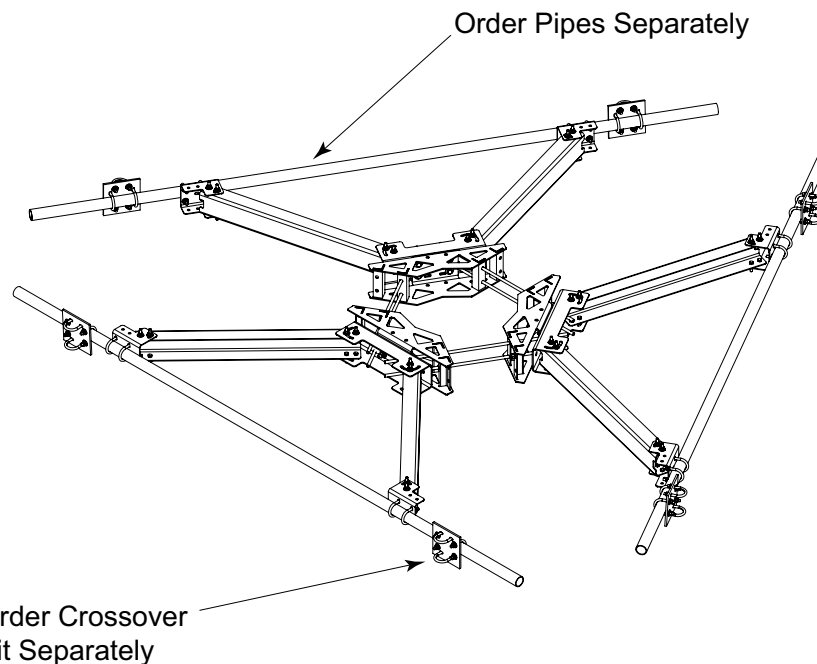
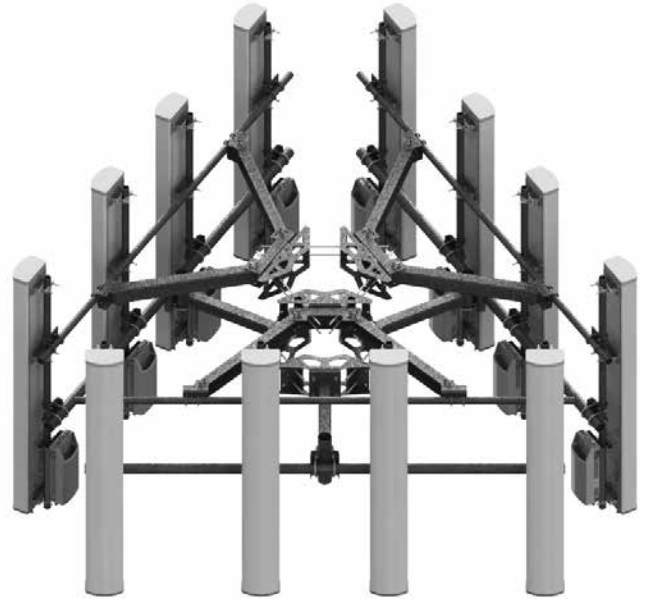
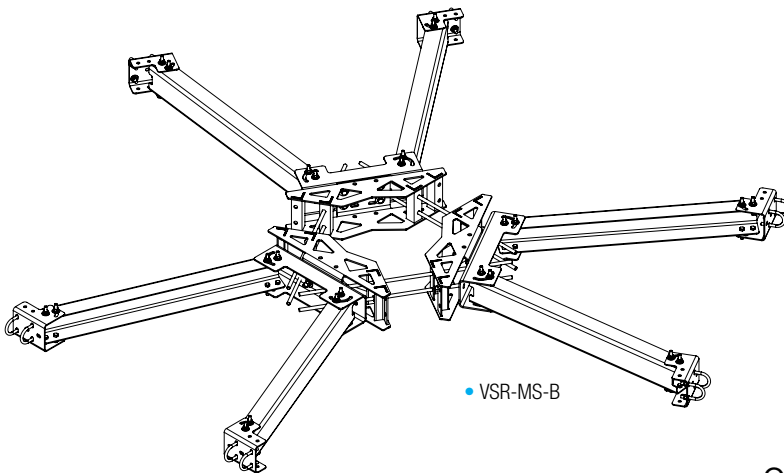
Monopole Mounts

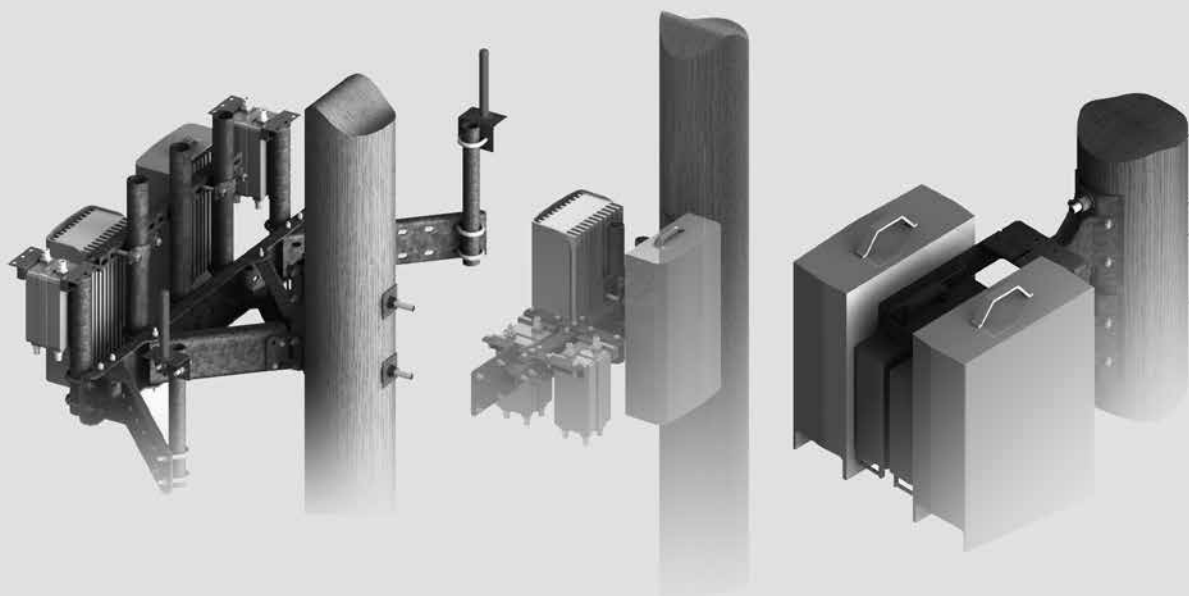
Stabilizing Reinforcement Mounts

V-Stabilizer™ Reinforcement

- Application:** Monopole RRU mounts
- Design:** Monopole T-frame reinforcement
- Feature:** Universal design, dual articulating arms, supports up to 36" (0.9 m) stand-off, azimuth adjustment, t-arm and sector frame compatible
- Mounts to:** 10" - 50" OD (0.3 m - 1.3 m) Monopoles
- Material:** Hot dip galvanized steel
- Includes:** Ring mount, support arms, u-bolts for 2-3/8" (60.3 mm) horizontal pipe
- Order Separately:** Horizontal support pipe, crossover plate kits, u-bolts for larger diameter support pipes

Part Number	Description	Weight, lb (kg)
V-Stabilizer™ Re-enforcement		
VSR-MS-B	V-Stabilizer™ for a Monopole, (10" - 50") OD Monopole, 3 Kits	421 (191)



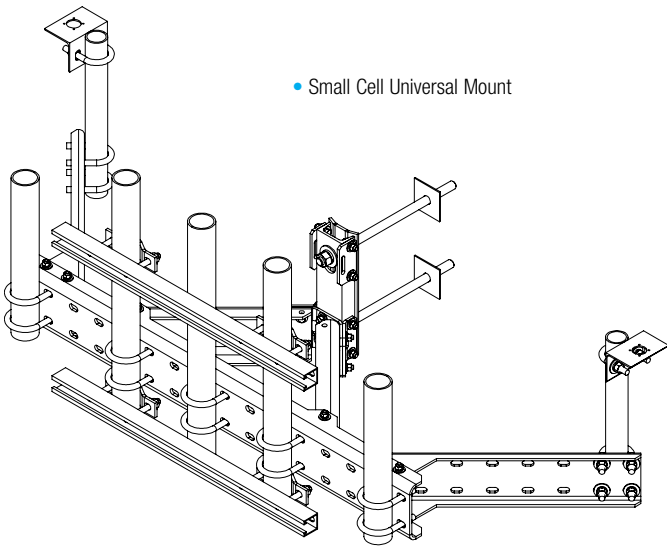


- Wood Pole Thru Mounts
- Wood Pole Top Mounts
- Small Cell Ring Mounts

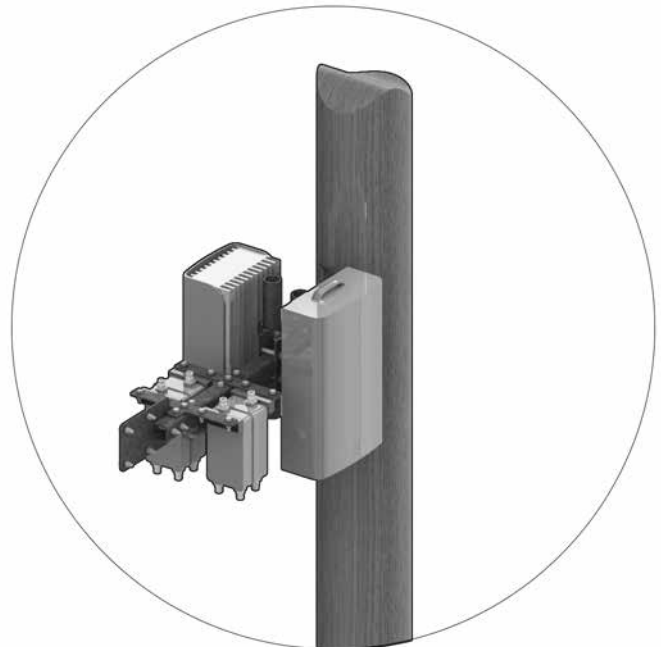
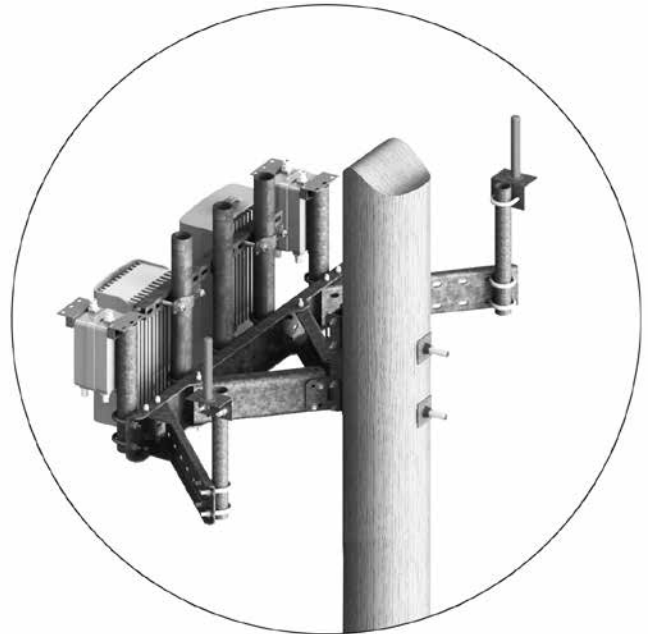
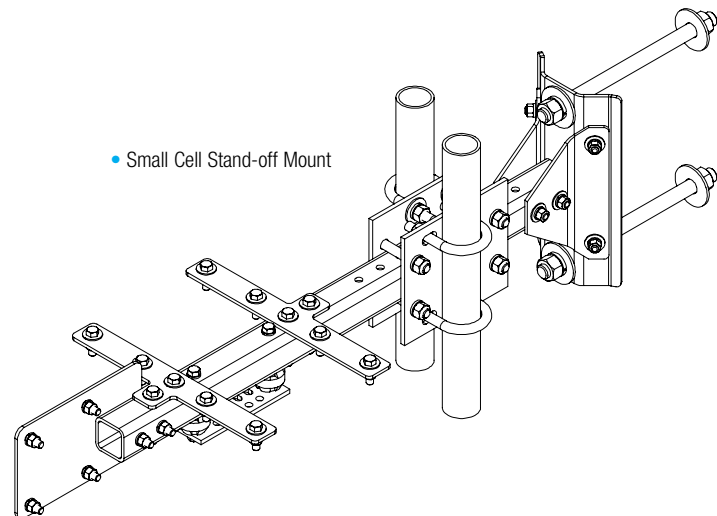
Small Cell Mounts - CommScope® is in Lock-Step

With mobile data traffic expected to double annually, small cell base stations are set to play an important role in expanding the capacity of wireless networks. CommScope's® small cell wood pole mounts range from a scaled down universal sector-frame type to a light weight horizontal stand-off. This is not a one solution fits-all, many of the small cell deployments are still in the field trial stages and thus flexibility in the design is a must. CommScope® offers a quick turn around in the development of customized solutions for each unique application.

• Small Cell Universal Mount

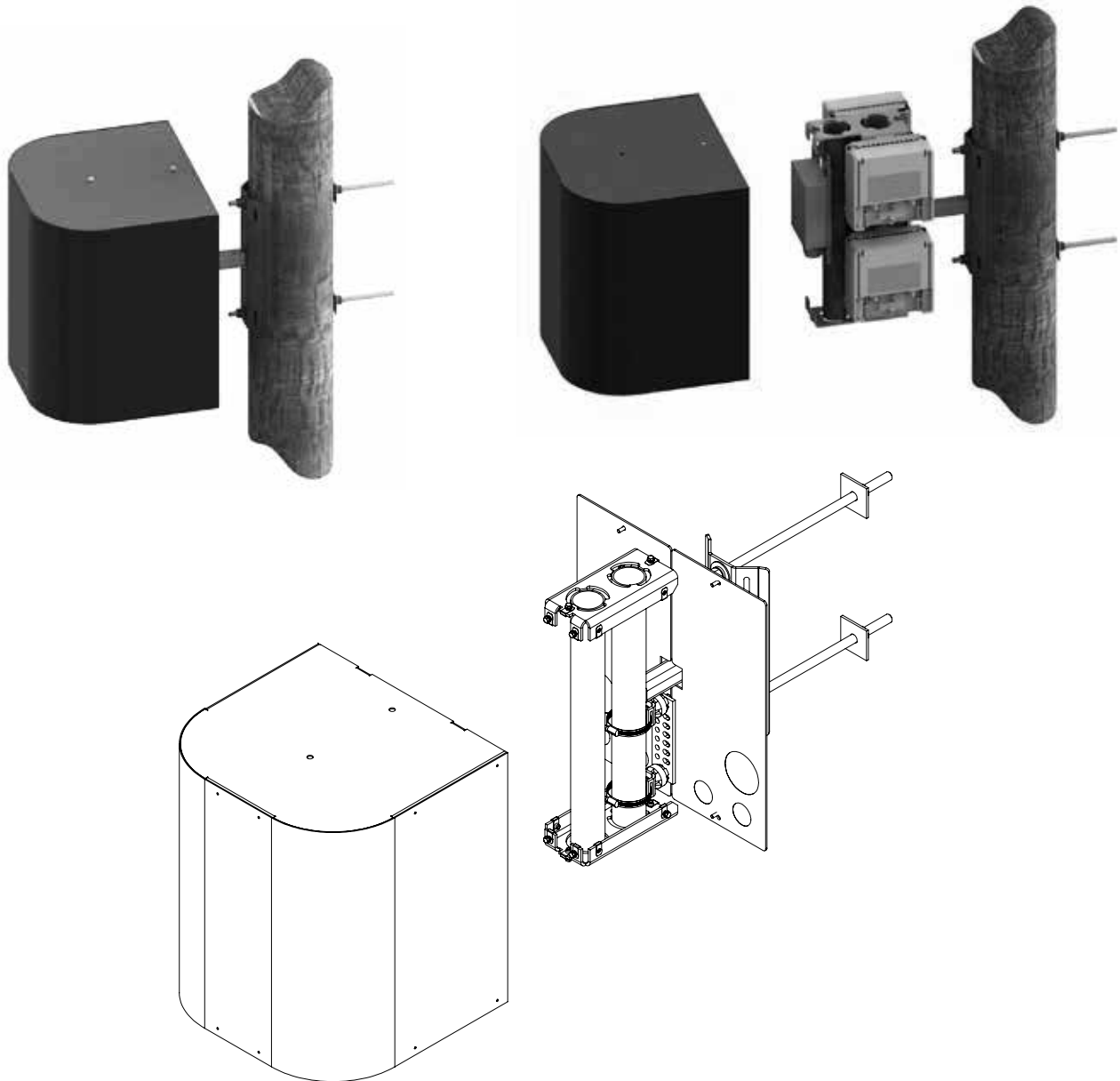


• Small Cell Stand-off Mount



Wood Pole Mounts**Small Cell Mount**

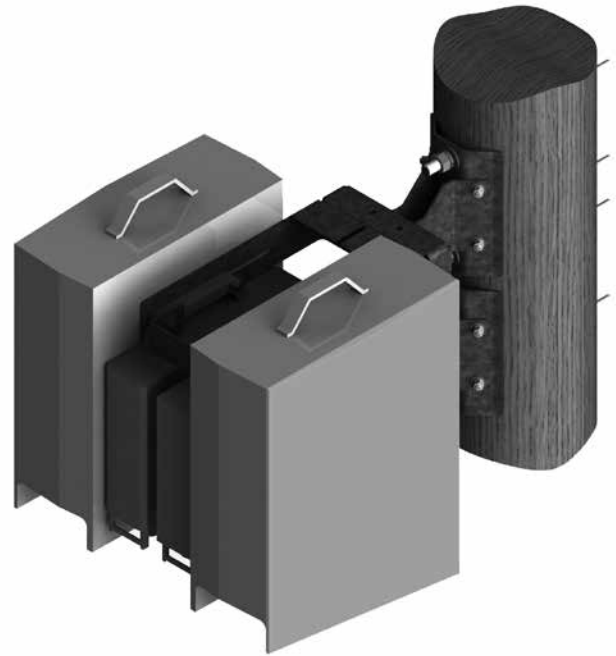
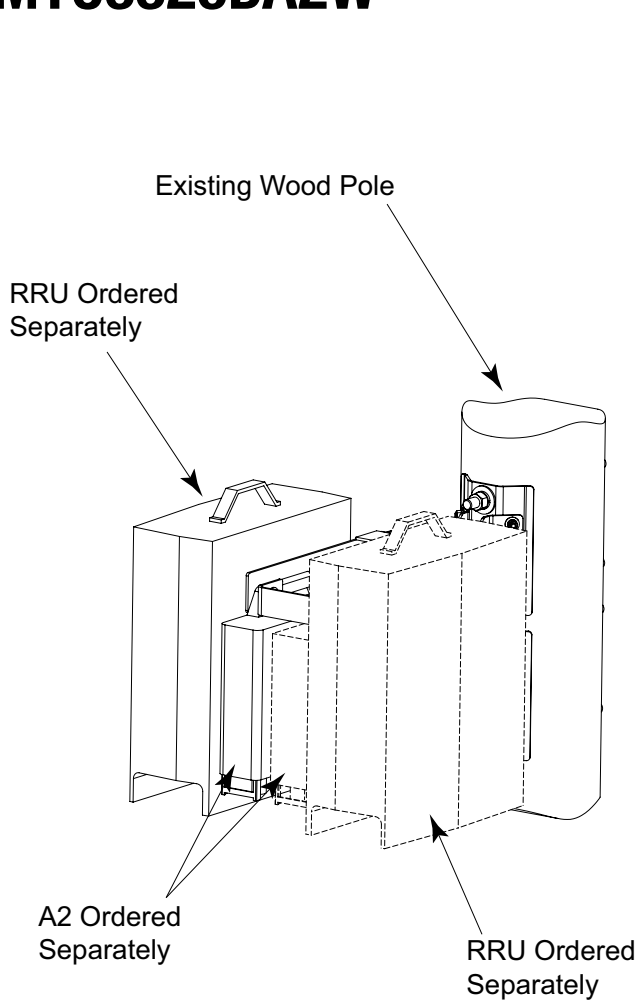
MetroCell Pole Bracket Concealment Solution

MTC3888**Design Specifics - Advantages**

- Designed to mount to wood power poles
- (4) Ericsson 2203 RRUs or (3) ALU cMRO RRUs with room for backhaul and/or power
- Concealment shroud with vented top and bottom covers
- Designed to fit in the tight confines of Comms space

Wood Pole Mounts – Thru Mount Applications

MTC3326DA2W



Design Specifics - Advantages

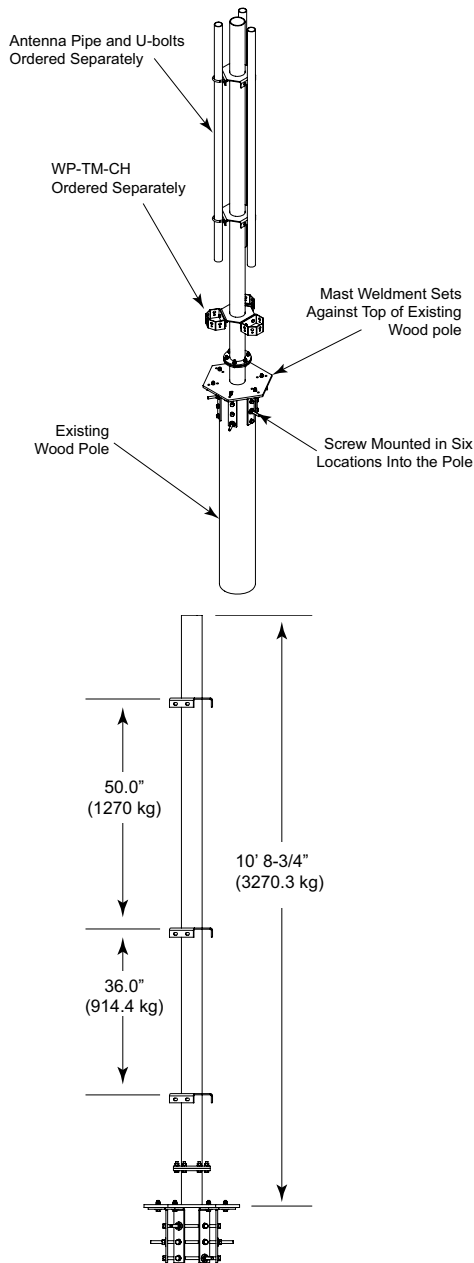
- Designed to mount to wood poles
- Mounts Two RRUs and 2 A2 Units

Wood Pole Mounts

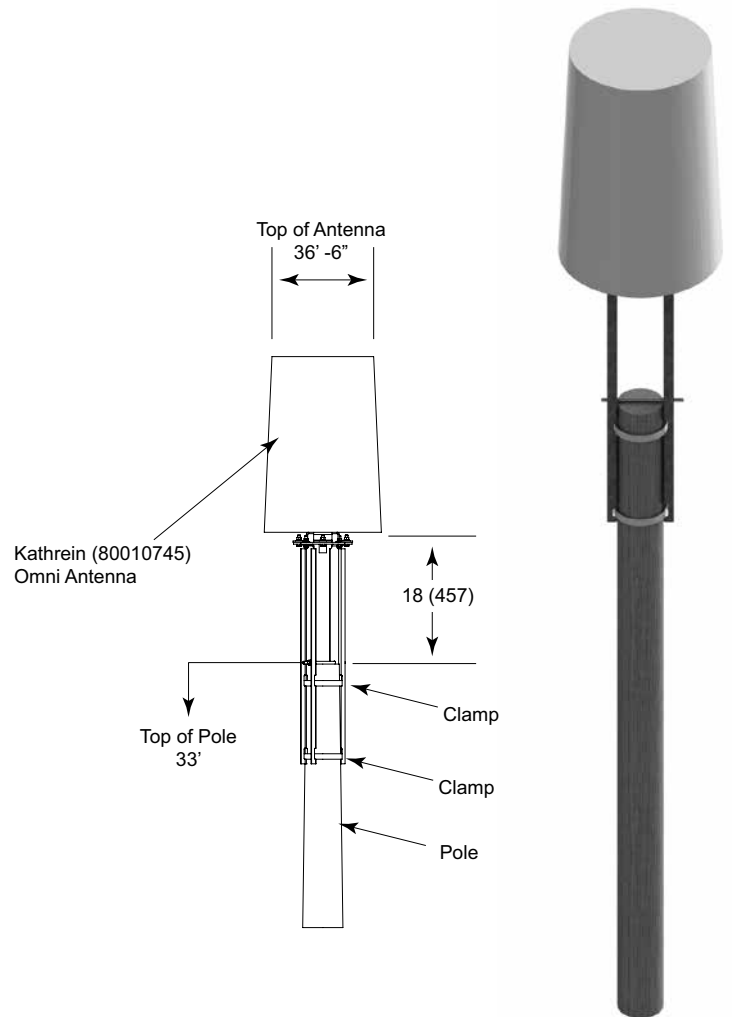
Small Cell Mount

Wood Pole Mounts – Top Mount Applications

WP-TM-B



MTC3893



Design Specifics - Advantages

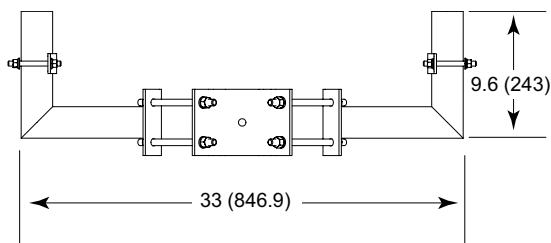
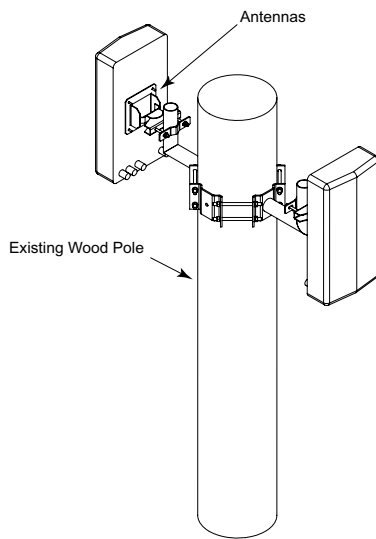
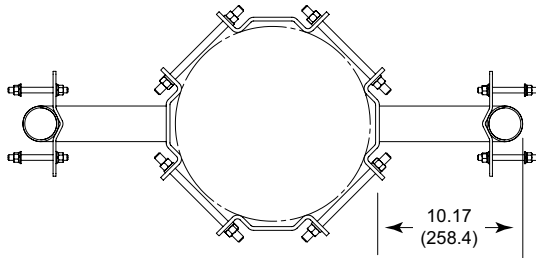
- Designed to mount to top of wood power poles
- Mounts up to 3 antennas – pipe ordered separately
- Optional WP-TMH for cable hangers
- Height 10' 8 3/4"

Design Specifics - Advantages

- Designed to mount to top of wood poles
- Mounts a single antenna
- Stand-off 18" from top of pole

Wood Pole Mounts – Ring Mount Applications

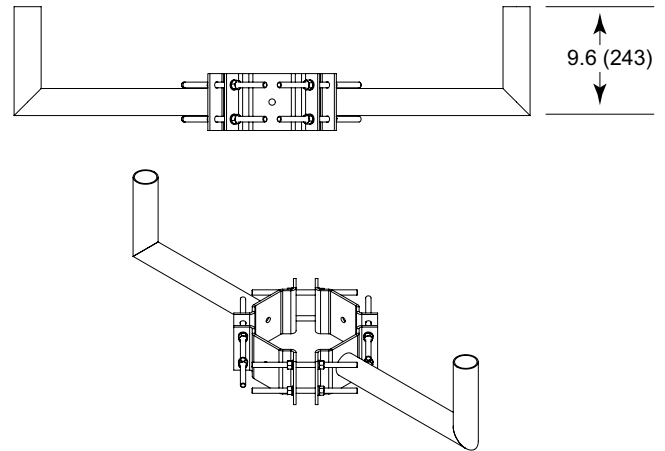
MTC3698



Design Specifics - Advantages

- Designed to mount to wood power poles
- Fits Poles 7" to 13" OD
- Mounts up to 2 antennas on 9.6" long pipe
- Stand-off 10" from pole

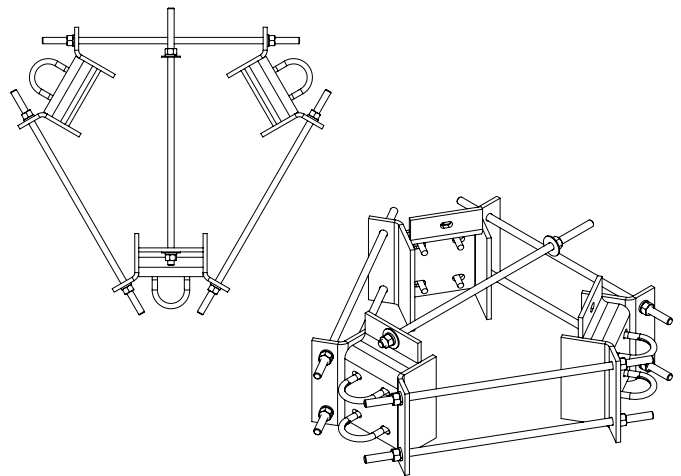
MTC3136DL



Design Specifics - Advantages

- Designed to mount to poles 10" to 13" OD
- Mounts Two antennas on 9.5" long pipe
- Stand-off 16" from pole

MTC9313



Design Specifics - Advantages

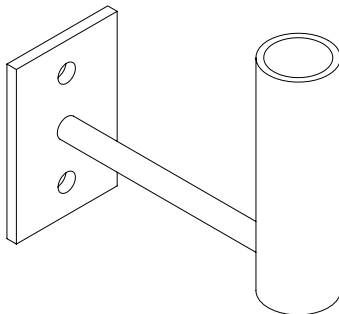
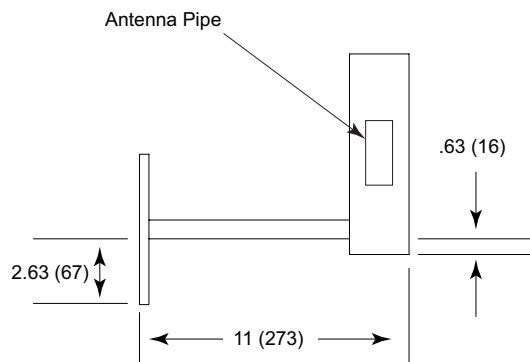
- Ring mount for poles 9" to 21" OD
- Mounts up to antennas
- Antenna pipes purchased separately

Wood Pole Mounts

Small Cell Mount

Wood Pole Mounts – Screw Mount Applications

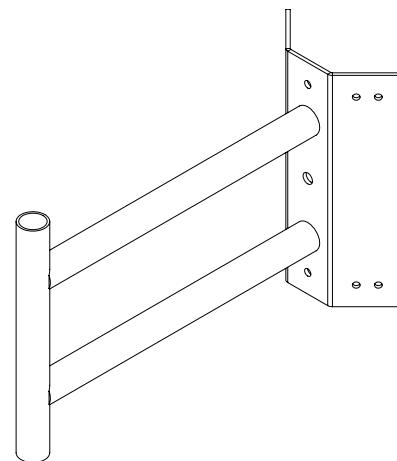
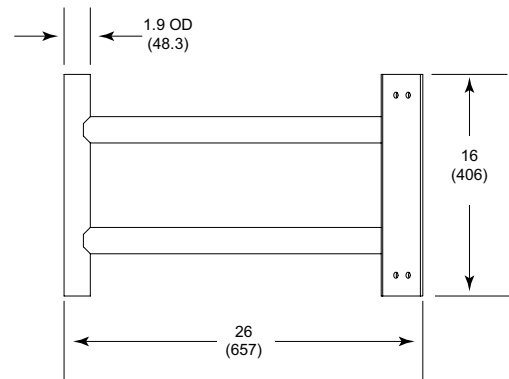
MTC300901



Design Specifics - Advantages

- Designed to mount to wood power poles
- Mounts one antenna on 8" long pipe
- Stand-off 10.8" from pole

MTC8743



Design Specifics - Advantages

- Designed to mount to wood power poles
- Mounts one antenna on 1.9" OD 16" long pipe
- Stand-off 25.9" from pole

Rapid Deployment Solutions: Small Cell Embedded Poles

Precisely what you need for rapid small cell deployments

As data demands skyrocket, so does the demand for more capacity—and that means more cell sites in more places. But when zoning restrictions, site acquisition difficulties and “not in my backyard” local opposition make conventional and macro cell sites unwelcome and unworkable, it’s time to think small. CommScope RDS Small Cell Embedded Poles are the perfect fit in these challenging environments.

Rapid Deployment - No Concrete Required

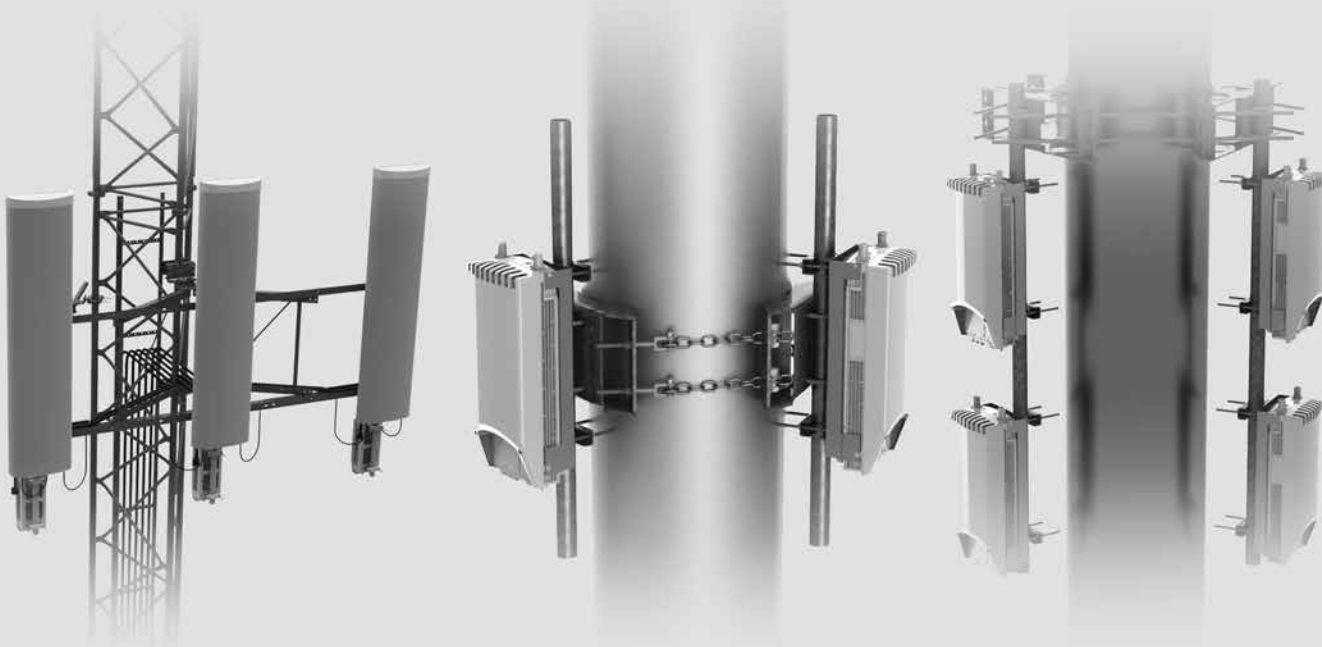
RDS Embedded Poles are anchored in excavated holes that are back-filled with aggregate instead of poured concrete. This method is much faster, not weather dependent, and less expensive to deploy than concrete plus meets requirements of TIA 222-G.

Structural Integrity Assured

Why invest heavily in state-of-the-art antenna systems without a structure that you can rely on for stability, durability, and performance? CommScope RDS poles are built of hot-dip galvanized steel and feature a structurally tapered design. They are lighter and stronger than wood, while also offering the added benefits of access hand holes and other customizable features including decorative bases, paint colors, and lighting options.

- Reduces Deployment Times
- Speeds Installation
- No Concrete Required
- Meets TIA 222-G Requirements
- Standard heights from 20' to 80'
- Customizable Color and Style Options





- Remote Radio Mounts For Tower Legs
- Back To Back Remote Radio Mounts
- Monopole Remote Radio Mounts
- Remote Radio Ground Mounts
- Remote Radio Roof-top Mounts

Remote Radio Mounts RRH/RRU

One of the most significant changes to recent wireless network architectures is the deployment of Remote Radio Heads at the top of the tower. This change brings many benefits to network performance, but also can create issues if not properly mounted using products designed to support the weight of RRH/RRUs under harsh environmental conditions.

CommScope has developed a full line of RRH/RRU mounts which are designed to securely support RRUs and help prevent outdoor elements from affecting equipment performance. The RRU brackets mount securely to a wide range of round or angled members to enable mounting to the tower sector frame along with options that enable mounting directly to the tower. We even offer rooftop, H-frame, and ring mount versions.

Features:

- Fast Access design with removable radio brackets for ease of installation
- Low profile design with rear access
- Tower face mounts
- Monopole ring mounts
- Rooftop ballast mounts
- H-frame mounts
- Hot Dip Galvanized Steel
- AISC Certified Manufacturing Processes



Remote Radio Head

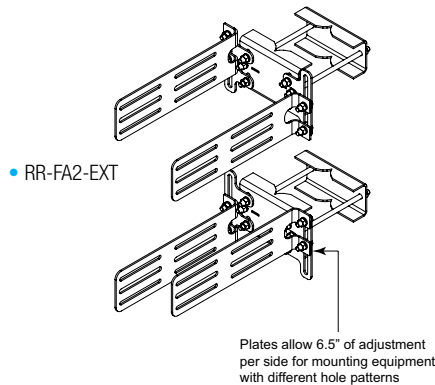
New Product

Fast Access Remote Radio Mounting Bracket with Extension:

RR-FA2 Fast Access RRU Mount

Back-to-Back RRU Mount

- Application:** Lattice Towers / Cell Support
- Design:** Dual RRU Mount
- Feature:** Low-profile or additional radio RRU mount
- Mounts to:** Vertical or tapered legs, up to 5-5/8" OD (142.2 mm OD), 6" (152.4 mm) angle 60°, 4-1/2" (114.3 mm) angle 90°
- Material:** Hot dip galvanized steel
- Includes:** RRU Mounts, mounting hardware



• RR-FA2



- Fast-Access Design
- Removable brackets allow mounting to RRU then insertion into clamps for ease of installation
- Round legs up to 5-5/8" OD
- 60° Angle legs up to 6"
- 90° Angle legs up to 4 1/2"

CommScope has developed a new addition to our full line of RRH/RRU mounts – the Fast Access Mount with extension: RR-FA2-EXT. This new Radio Mount includes our "Fast Access" feature which allows mounting of the brackets to the radios prior to mounting into the tower clamps for easy installation along with extension brackets that allow 6.5" of adjustment for mounting radios with varying hole patterns.

RR-B2B Series Back-to-Back RRU Mount

Back-to-Back RRU Mount

- Application:** Lattice Towers / Cell Support
- Design:** Dual RRU Mount
- Feature:** Low-profile or additional radio RRU mount
- Mounts to:** -AR version: Vertical or tapered legs, 2-3/8" OD (60 mm OD) up to 3-1/2" OD (89 mm OD)
-LP version: Vertical or tapered legs, 2-3/8" OD (60 mm OD), up to 4-1/2" OD (114.3 mm OD)
- Material:** Hot dip galvanized steel
- Includes:** RRU Mounts, mounting hardware



• RR-B2B-AR

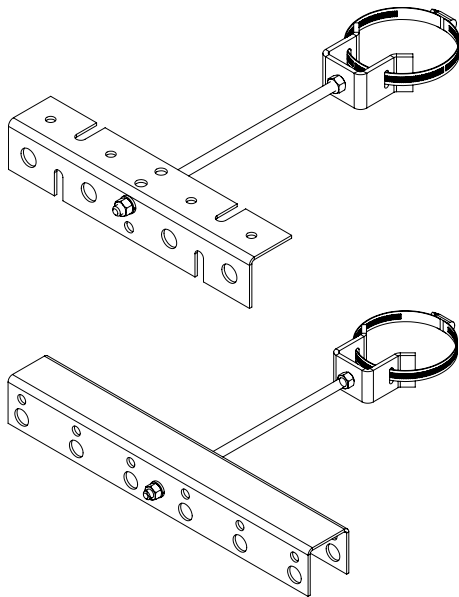


Part Number	Description
Remote Radio Back-to-Back	
RR-B2B-AR	Vertical or Tapered Legs, 2-3/8" OD (60 mm OD), Up to 3-1/2" OD (89 mm OD)
RR-B2B-LP	Vertical or Tapered Legs, 2-3/8" OD (60 mm OD), Up to 4-1/2" OD (114.3 mm OD)

Tower Mounts

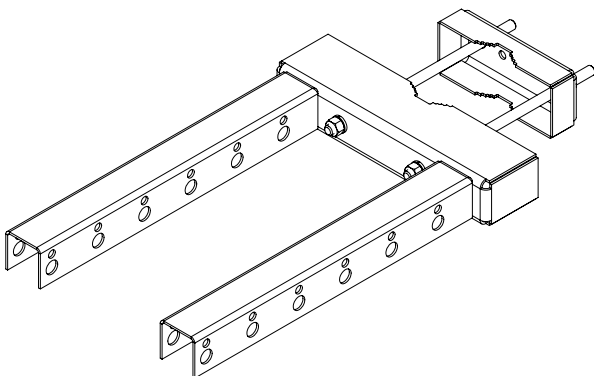
Antenna RRU Cable Support Bracket

Application: Mounts to pipe
Design: Universal mounting
Feature: Adjustable stand-off distance
Mounts to: 1.9" to 3.5" OD (48 mm to 89 mm OD)
Material: Hot dip galvanized steel
Includes: Mount, hardware



Dual Leg Cable Support

Application: RRU dual leg cable support
Design: Dual leg supports for back to back RRU mounting
Mounts to: 1.9" to 4.5" OD (48 mm to 114 mm OD)
Material: Hot dip galvanized steel



Part Number	Description	Weight, lb (kg)
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Universal Sliding Pipe Mount Kit

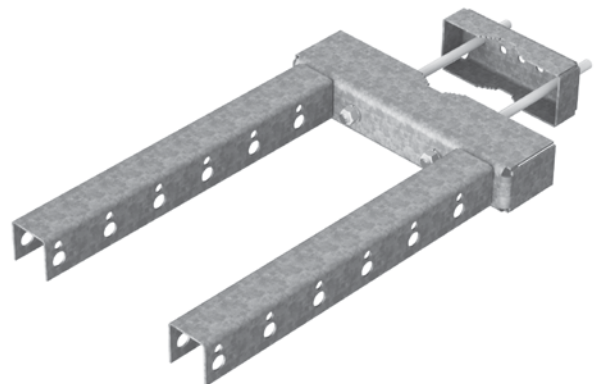
ACS-4	Antenna and RRU Cable Support Bracket (4) Cables	2.5 (1.2)
ACS-12	Antenna and RRU Cable Support Bracket (12) Cables	4.5 (2.0)



Part Number	Description	Weight, lb (kg)
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Dual Leg Cable Support

ACS-D24	RRU Dual Leg Cable Support Bracket	18.2 (8.3)
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Remote Radio Head

Tower Mounts

Universal RRU Mount

Application: Lattice towers

Design: Mounting for RRU's to tower legs or universal pipe mounts

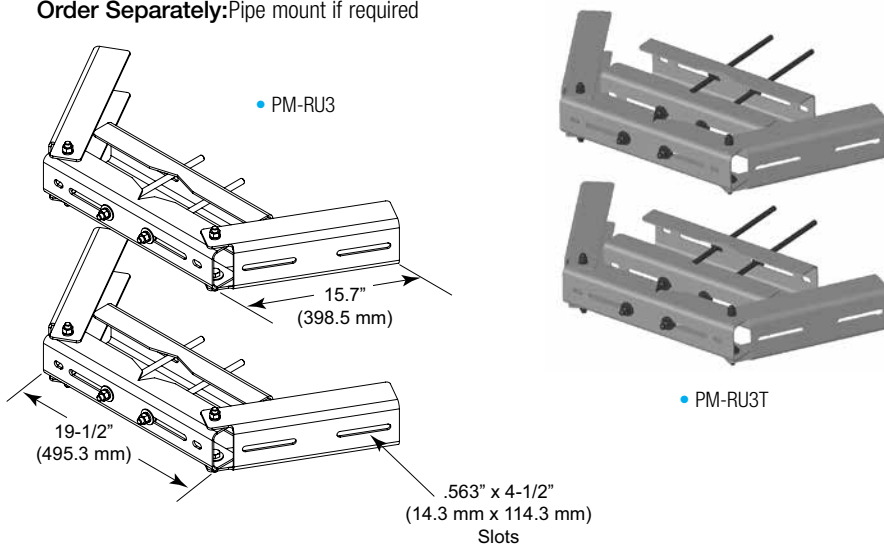
Feature: Mounts up to three RRU's

Mounts to: Fits tower legs up to 5-5/8" OD (143 mm OD), 6" (152.4 mm) 60° and 8" (203.2 mm) 90° angle

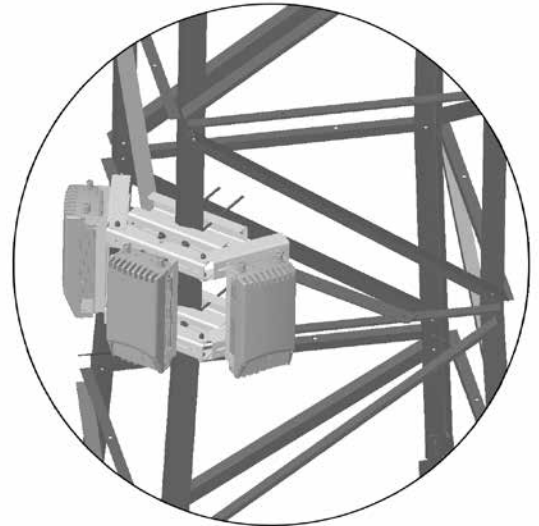
Material: Hot dip galvanized steel

Includes: Brackets and hardware

Order Separately: Pipe mount if required



Part Number	Description	Weight, lb (kg)
Universal RRU Mount		
PM-RU3	Mount for Attaching up to Three RRU's to Straight Tower Legs	67.9 (30.8)
PM-RU3T	Mount for Attaching up to Three RRU's to Straight or Tapered Tower Legs	86 (38.9)



Universal Sliding Pipe Mount Kit

Application: Lattice towers

Size: 3-1/2" OD x 48" long (88.9 mm OD x 1.2 m long)

Design: Pipe with saddle mount and adjustable clamps

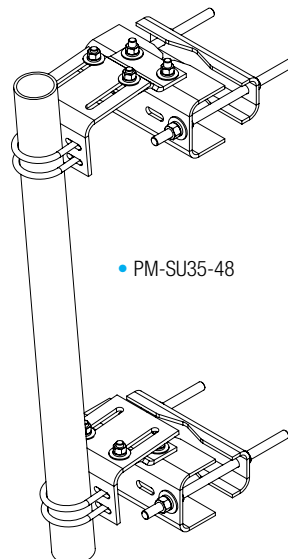
Feature: Universal sliding bracket with up to 7° of taper

Mounts to: Straight or tapered legs 2" up to 8-5/8" OD (219.1 mm OD), 8" (203.2 mm) angle 60°, or 6" (152.4 mm) angle 90°

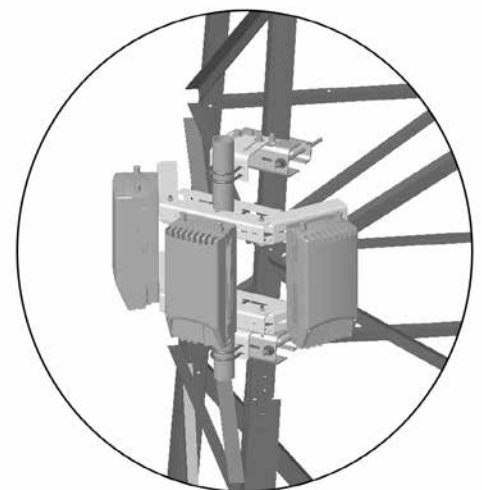
Material: Hot dip galvanized steel

Includes: Universal saddle mount, sliding pipe mount brackets, pipe

Order Separately: Universal RRU mount



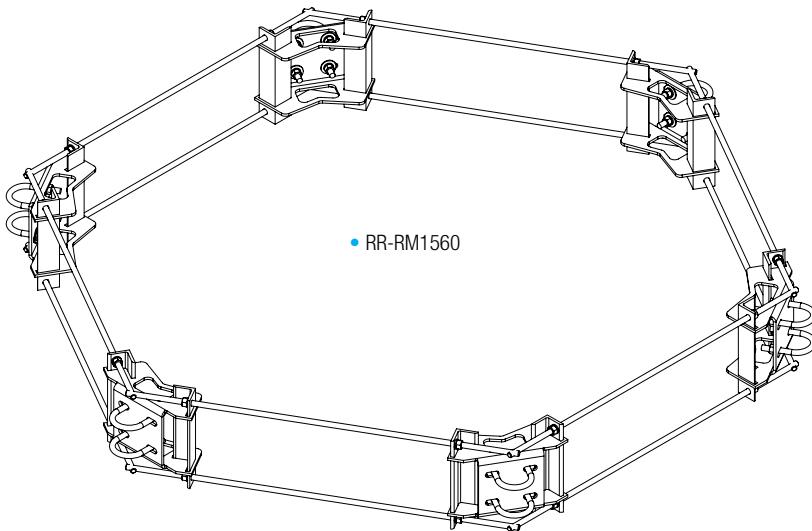
Part Number	Description	Weight, lb (kg)
Universal Sliding Pipe Mount Kit		
PM-SU35-48	Universal Sliding Pipe Mount Kit, 3-1/2" OD x 48" (88.9 mm OD x 1.2 m) Mounting Pipe	112 (50.8)



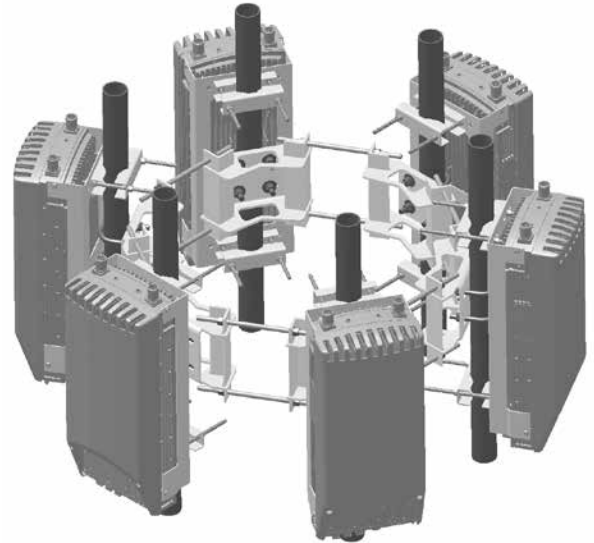
Monopole Mounts

6-Sector Pipe Mount Kit

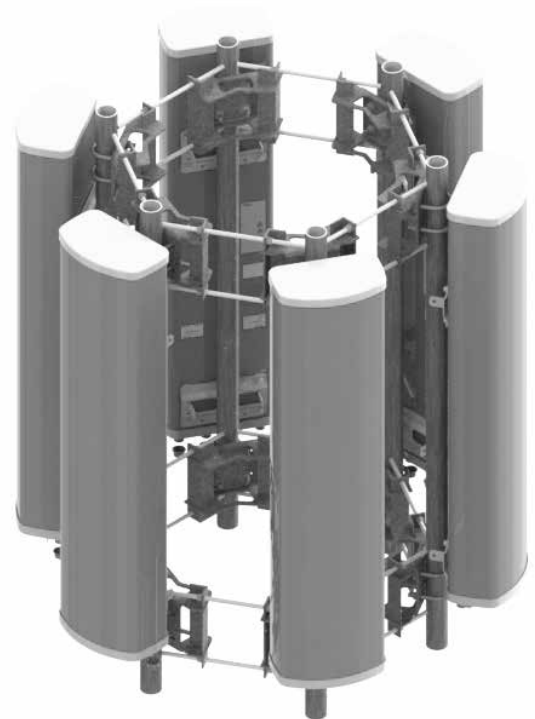
- Application:** Monopoles
- Design:** 6-Sector pipe mount kit
- Feature:** Allows pipe diameter up to 3-1/2" (88.9 mm) with separately purchased u-bolts and pipe
- Mounts to:** 15" to 60" OD (0.4 m to 1.5 m) Monopoles
- Material:** Hot dip galvanized steel
- Includes:** Mount, threaded rod, (12) 2-3/8" (60.3 mm) u-bolts
- Order Separately:** Pipe, 2-7/8" (73 mm) up to 3-1/2" (88.9 mm) u-bolts



Part Number	Description	Weight, lb (kg)
Six Sector Pipe Ring Mount		
RR-RM1560	Pipe Mount Kit, for 15" to 60" OD (381 mm to 1524 mm OD) Monopoles	97 (44)



See Pipe and U-bolt Table on Page 39

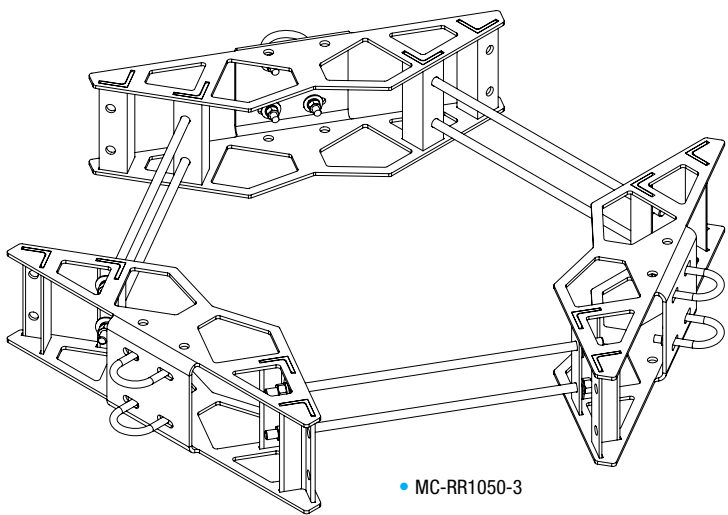


Remote Radio Head

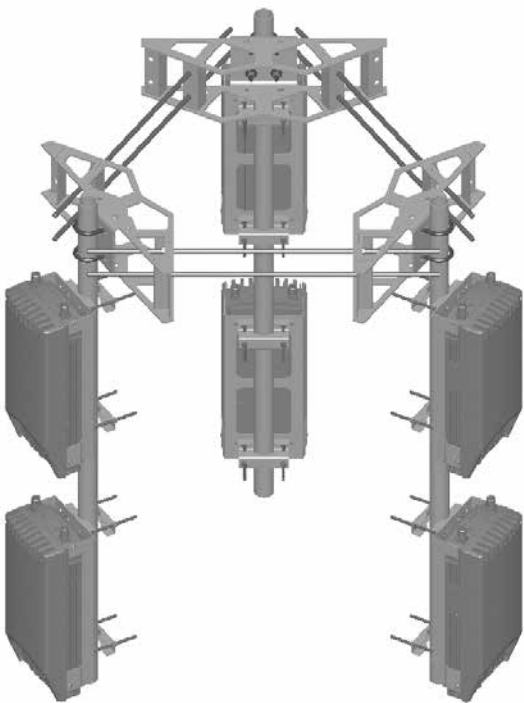
Monopole Mounts

3-Sector Dual Radio Ring Mount

- Application:** Monopole RRU mount
- Design:** 3-Sector ring mount
- Feature:** Allows pipe diameter up to 3-1/2" (88.9 mm) with separately purchased u-bolts and pipe
- Mounts to:** 10" to 50" OD (0.3 m to 1.3 m) Monopoles
- Material:** Hot dip galvanized steel
- Includes:** Ring mount, threaded rod, hardware, (6) 2-3/8" (60.3 mm) u-bolts
- Order Separately:** Pipe, 2-7/8" (73 mm) up to 3-1/2" (88.9 mm) u-bolts



Part Number	Description	Weight, lb (kg)
Three Sector Dual Radio Ring Mount		
MC-RR1050-3	Pipe Mount, for 10" to 50" OD (254 mm to 1270 mm OD) Monopoles	101 (45.7)



Remote Radio Angle Mount Kits

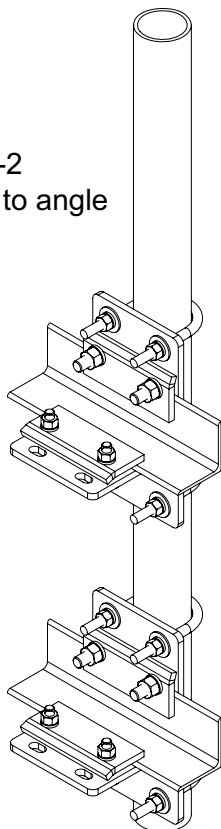
CommScope announces the release of two new Remote Radio Angle Mount Kits designed for mounting equipment support pipes directly to angled sector frame members to increase mount capacity of existing sector frames by moving the additional load closer to the tower. These kits are compatible with angle-style sector frames, such as the CommScope SF-QV Series and SF-SU Series.

The **RRU-AM-1** enables mounting of pipes directly to the front face of existing sector frame angle arms. This kit attaches to 90° angles from 1.5" to 3" and can accommodate pipes ranging from 1.88" to 3.5" OD (sold separately).

The **RRU-AM-2** enables mounting of pipes directly to the inside of existing sector frame angle arms. This kit attaches to 90° angles from 2" to 3" and includes hardware for mounting 2.88" pipes (sold separately).

Part Number	Description
Remote Radio Angle Mount Kits	
RRU-AM-1	RRU Angle Mount Kit For 90° Angles 1.5" (254 mm to 1270 mm OD) Monopoles
RRU-AM-2	RRU Angle Mount Kit For 90° Angles 2" to 3" For Pipes 2.88" OD

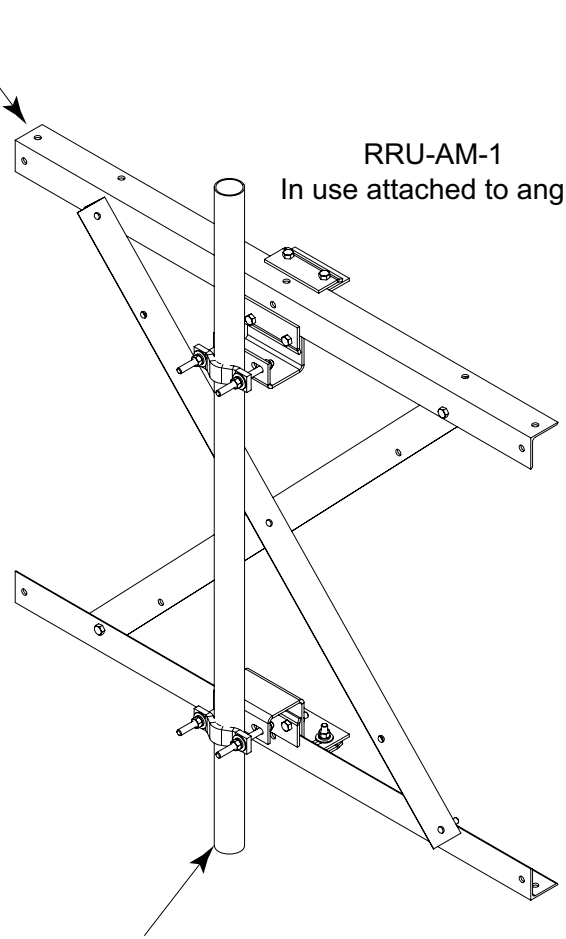
RRU-AM-2
In use attached to angle



Sector Frame Arm
(Existing)

RRU-AM-1
In use attached to angle

Pipe ordered separately

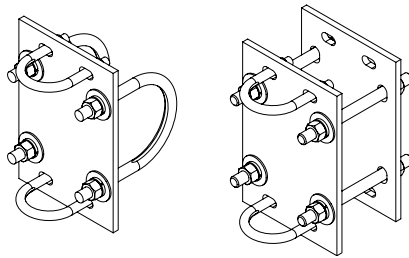


Remote Radio Head

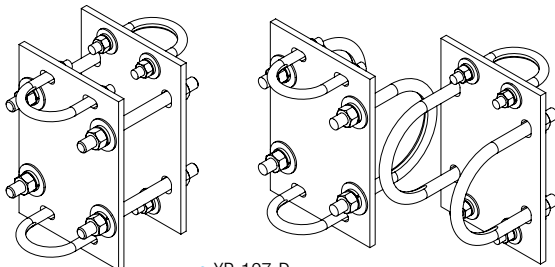
Monopole Mounts

Stand-off Arm Mounts

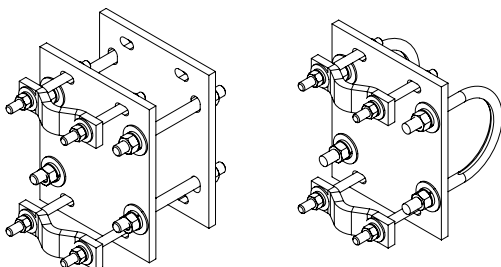
Application: Stand-off RRU Mounts
Design: Crossover plate solution
Feature: Mounts to round or tubular stand-off arms
Mounts to: 3-1/2" OD (88.9 mm OD) or 4-1/2" OD (114.3 mm OD) round or 4" (101.6 mm) square tube
Material: Hot dip galvanized steel
Includes: Crossover plates, hardware, u-bolts and clamps
Order Separately: Pipe



• XP-197-S



• XP-197-D

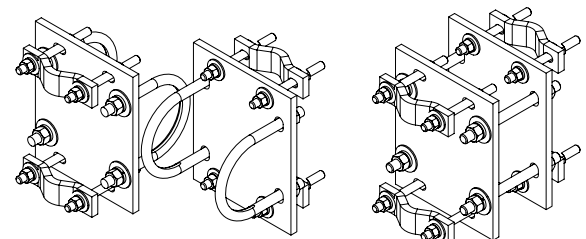
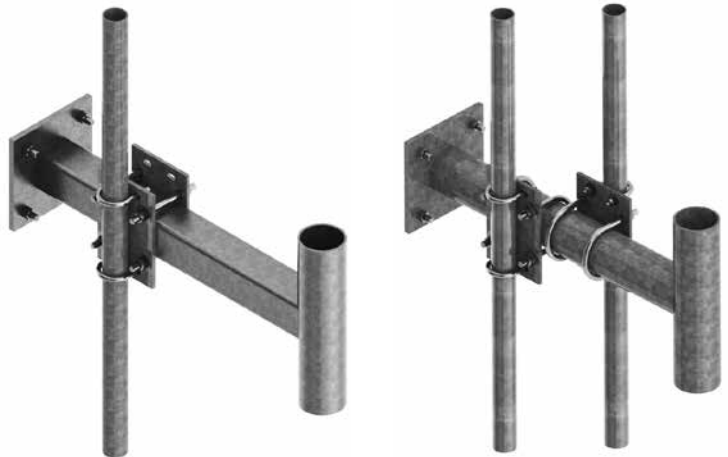


• XP-197-US

Part Number	Description	Weight, lb (kg)
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Stand-off Arm Mounts

XP-197-S	Crossover Plates for Mounting One 2-3/8" OD (60.3 mm OD) Antenna Mounting Pipe to 4-1/2" OD (114.3 mm) Round or 4" (101.6 mm) Square Stand-off Arms	10 (4.5)
XP-197-D	Crossover Plates for Mounting Two 2-3/8" OD (60.3 mm OD) Antenna Mounting Pipes to 4-1/2" OD (114.3 mm OD) Round or 4" (101.6 mm) Square Stand-off Arms	20 (9.1)
XP-197-US	Crossover Plate for Mounting One 2-3/8" to 3-1/2" OD (60.3 mm to 88.9 mm OD) Antenna Mounting Pipe to 4-1/2" OD (114.3 mm OD) Round or 4" (101.6 mm) Square Stand-off Arms	25 (11.3)
XP-197-UD	Crossover Plates for Mounting Two 2-3/8" to 3-1/2" OD (60.3 mm to 88.9 mm OD) Antenna Mounting Pipes to 4-1/2" OD (114.3 mm OD) Round or 4" (101.6 mm) Square Stand-off Arms	39 (17.7)
XP-197-35US	Crossover Plates for Mounting One 2-3/8" to 3-1/2" (60.3 mm to 88.9 mm) RRU Pipe to 3-1/2" (88.9 mm) Round or up to 4" (101.6 mm) Square Stand-off Arms	27 (12.4)
XP-197-35UD	Crossover Plates for Mounting Two 2-3/8" to 3-1/2" (60.3 mm to 88.9 mm) RRU Pipes to 3-1/2" (88.9 mm) Round or up to 4" (101.6 mm) Square Stand-off Arms	34 (15.4)



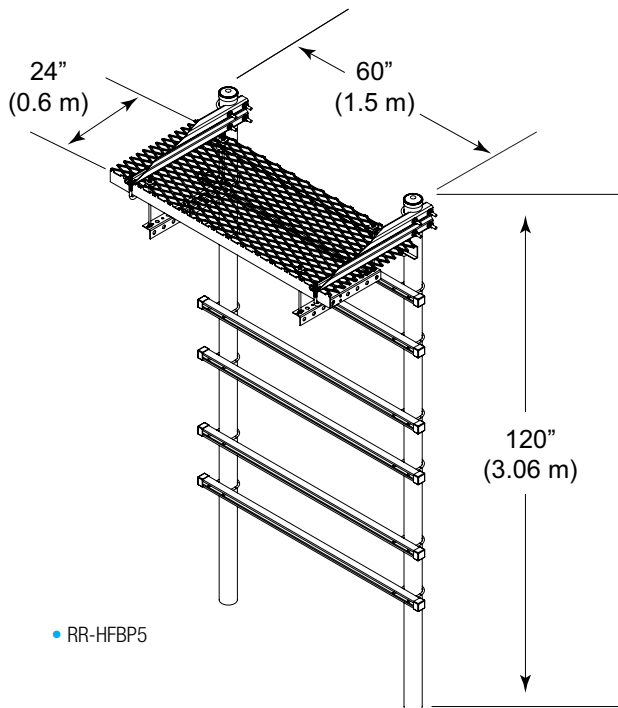
• XP-197-35UD

Remote Radio Head

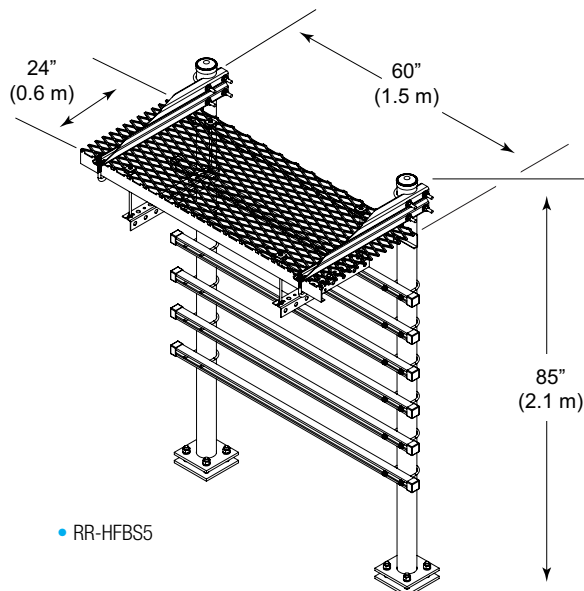
Outdoor Base Mounts

Outdoor RRU Mount Racks

Application: Outdoor pad site
Size: 36" or 60" (0.9 m or 1.5 m)
Design: Unistrut face for universal RRU mounting
Feature: Pad mount, direct burial or wall mount
Material: Hot dip galvanized steel
Includes: Mount, hardware
Order Separately: Pipe



• RR-HFBP5



• RR-HFBS5

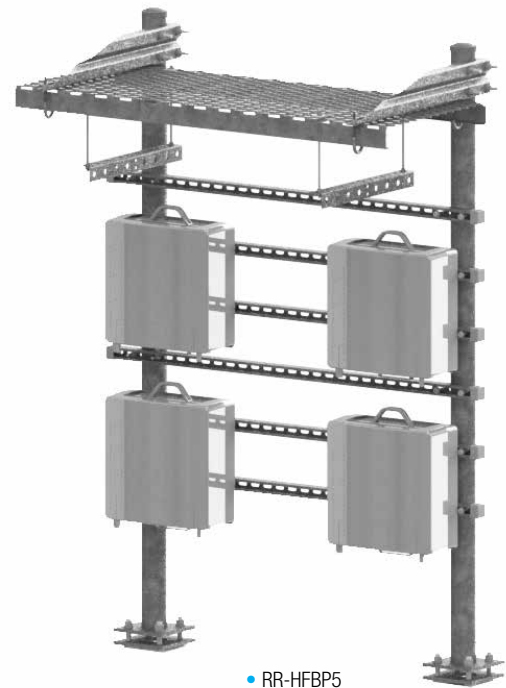
Part Number	Description	Weight, lb (kg)
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Remote Radio H-Frame

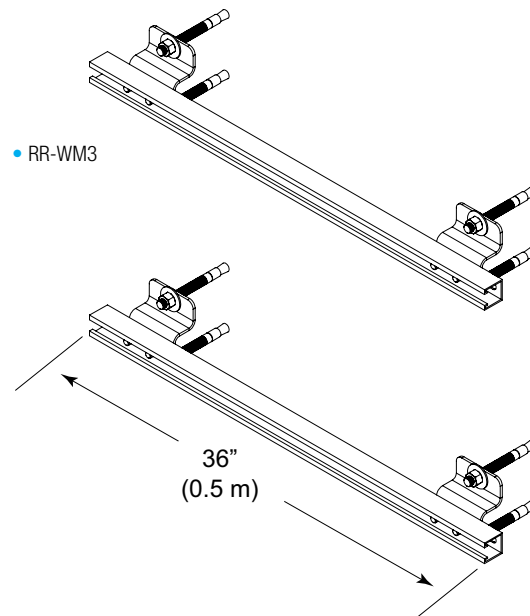
RR-HFBP5	Remote Radio H-Frame Burial Pole 5'	298 (135.2)
RR-HFBS5	Remote Radio H-Frame Base Shoe 5'	333 (151)

Wall Mount

RR-WM3	Remote Radio Wall Mount 3'	25.2 (11.4)
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• RR-HFBP5



• RR-WM3

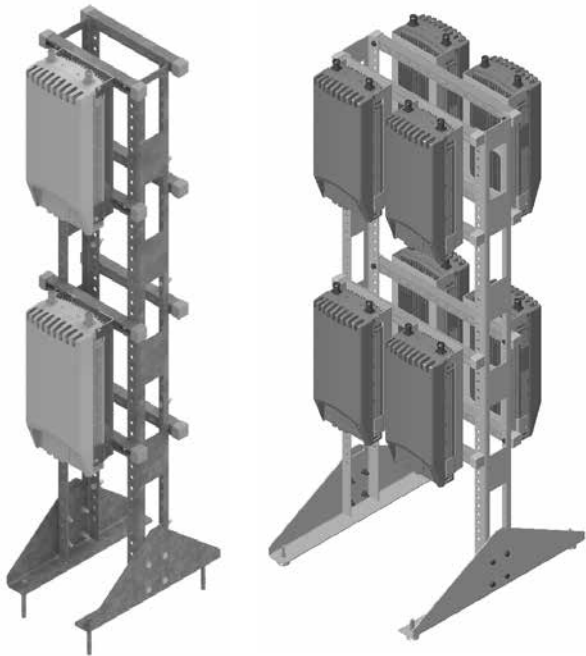
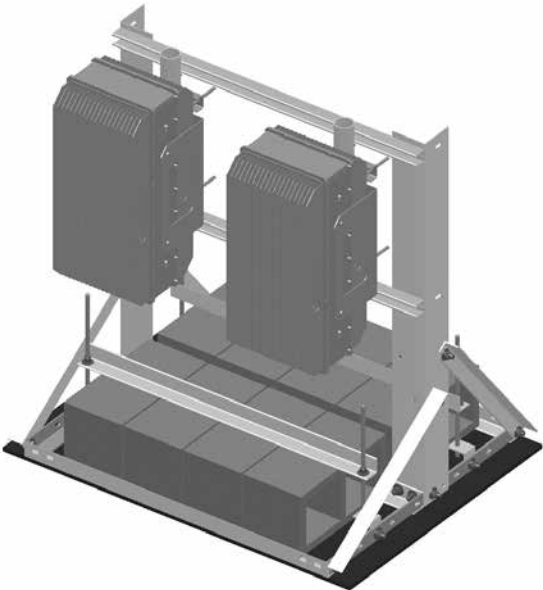
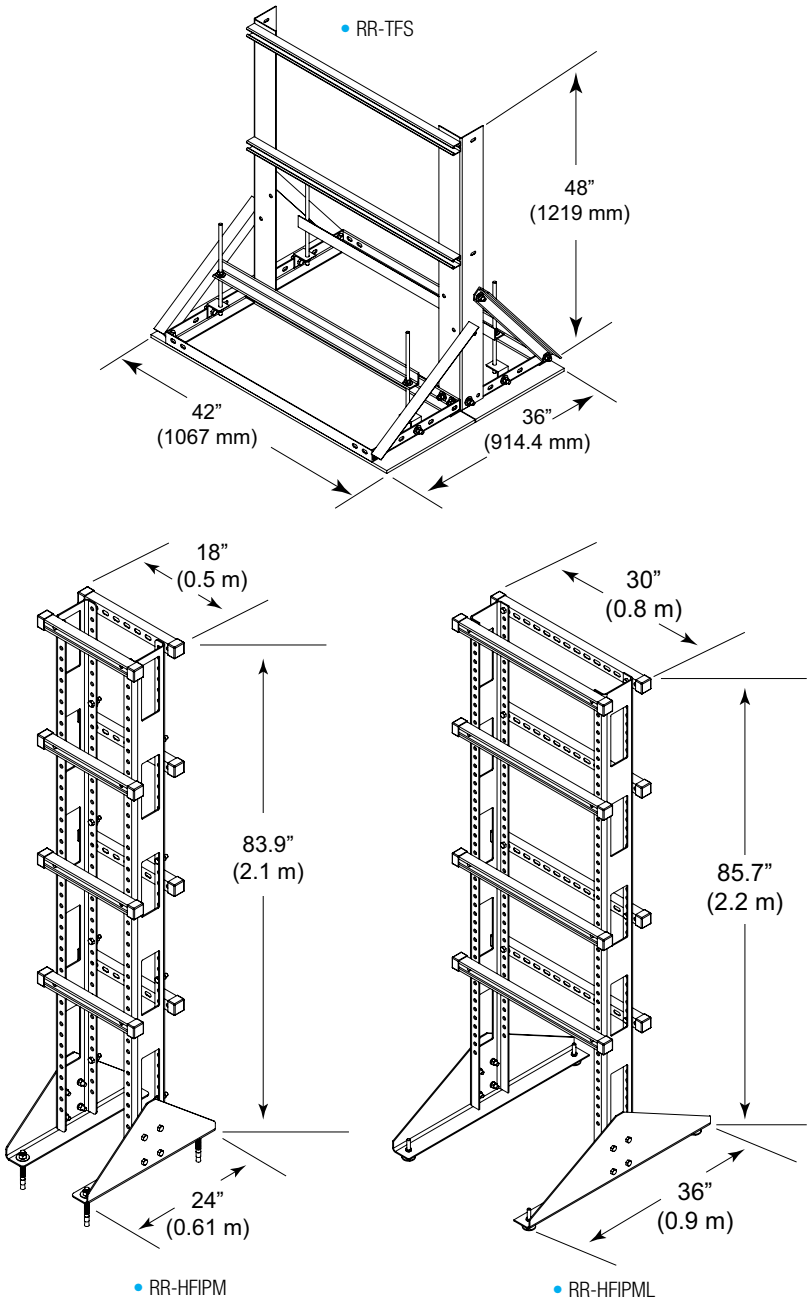
Remote Radio Head

Roof-top

RRU Mount Racks

- Application:** Roof-top, indoor, pad site
Size: 18" or 42" (0.5 m or 1.1 m)
Design: Unistrut face for universal RRU mounting
Feature: Penetrating or non penetrating mount
Material: Hot dip galvanized steel
Includes: Mount, hardware
Order Separately: Pipe, ballast

Part Number	Description	Weight, lb (kg)
Non-penetrating Roof-top Mounting RRU's		
RR-TFS	Non-penetrating Ballast Mount for RRU's	163 (73.9)
Remote Radio H-Frame		
RR-HFIPM	Remote Radio H-Frame Indoor Pad Mount	118 (54)
RR-HFIPML	Large Remote Radio H-Frame Indoor Pad Mount	142 (64.4)

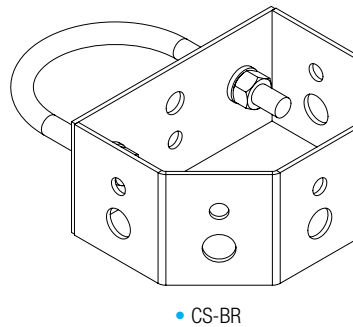
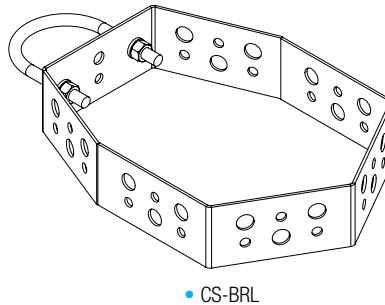
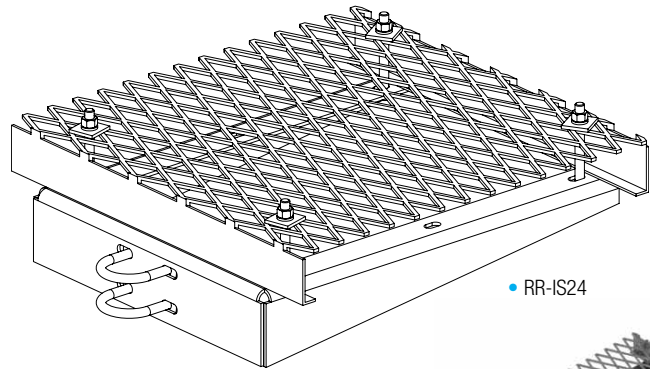
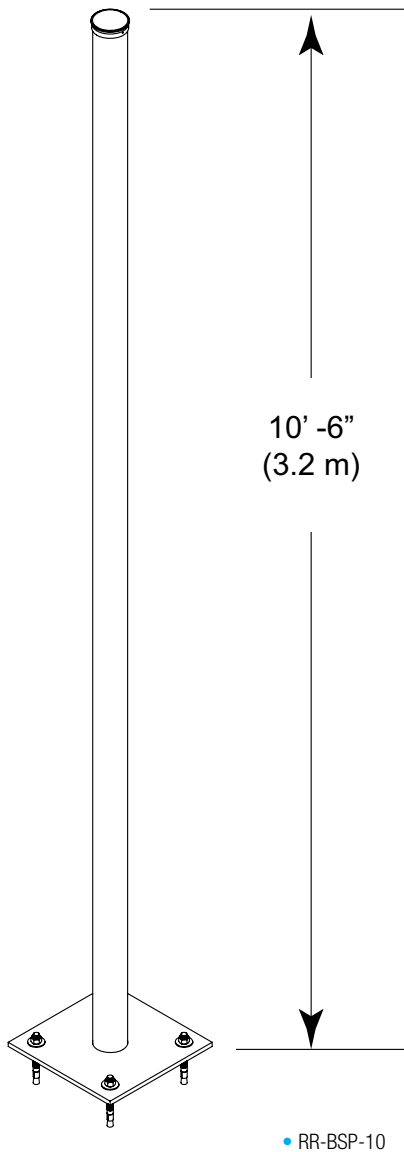


Ground Level Mounts

Ground Level Mounting RRU's

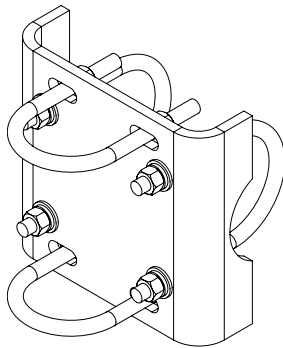
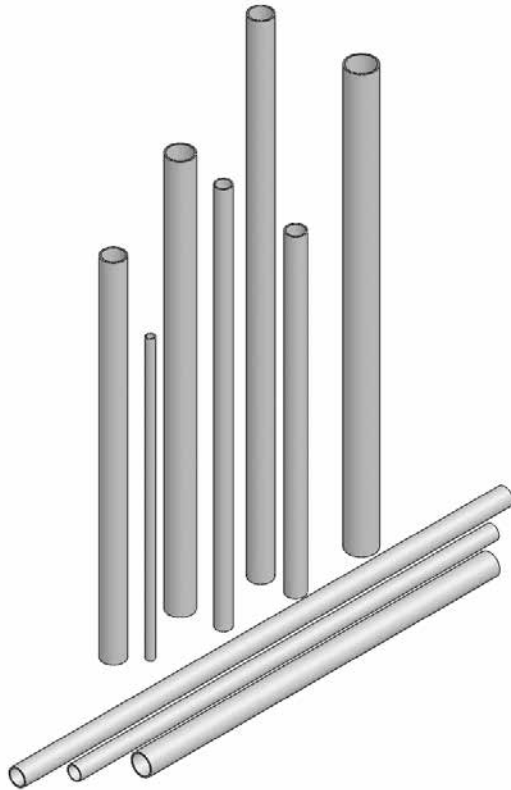
Application:	Base mount RRU's
Size:	10'-6" (3.2 m)
Design:	Base shoe pipe with option to add ice shield for added protection
Feature:	Optional cable support and ice shield
Mounts to:	Bolts to level surface
Material:	Hot dip galvanized steel
Includes:	Mount, hardware, anchors

Part Number	Description	Weight, lb (kg)
Ground Level Mounting RRU's		
RR-BSP-10	3-1/2" OD x 126" (88.9 mm OD x 3.2 m) Base Shoe Pipe With 14-1/2" x 14-1/2" (368.3 mm x 368.3 mm) Base Plate	117 (53.1)
CS-BR	Cluster Support Bracket, 5 Lines, for 3-1/2" OD (88.9 mm OD) Members	3 (1.4)
CS-BRL	Cluster Support Bracket, 18 Lines, for 3-1/2" OD (88.9 mm OD) Members	5 (2.3)
Ice Shield		
RR-IS24	24" x 24" (609 mm x 609 mm) Ice Shield	38 (16.4)

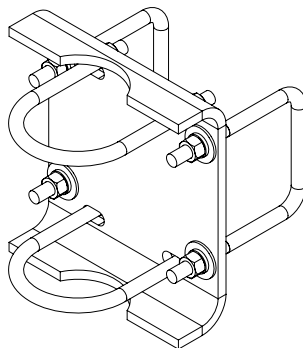


Remote Radio Head

Pipes, U-bolts and Pipe Mounts



• MT-219



• MTC3055PM35

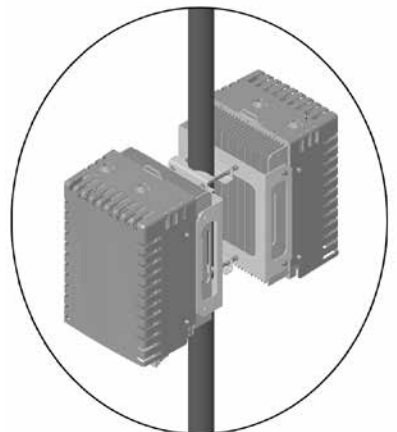
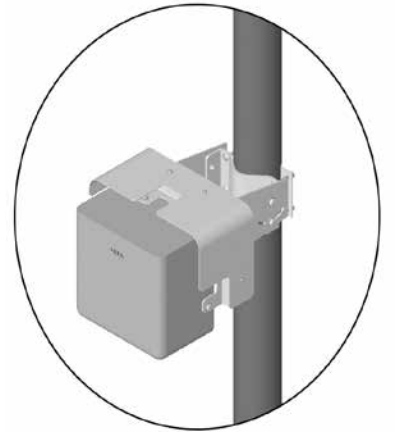
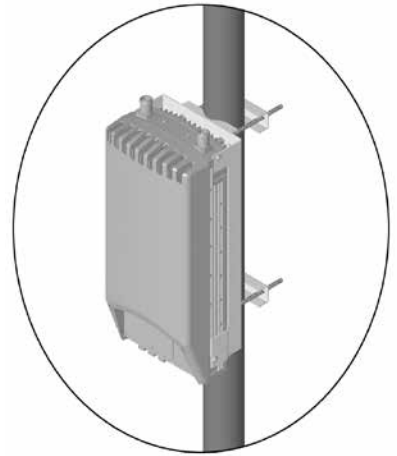
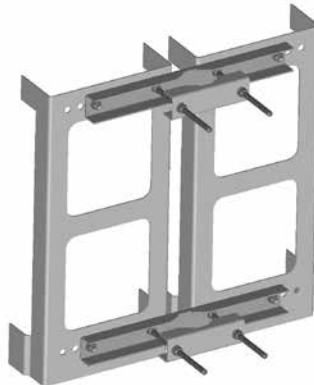
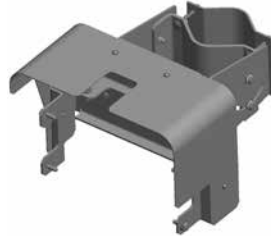
Part Number	Description	Weight, lb (kg)
Pipe and U-bolts		
GUB-4240	1/2" x 2-1/2" x 4" (13 mm x 64 mm x 102 mm) Galvanized U-bolt Assembly	0.9 (0.4)
GUB-4352	1/2" x 3" x 5-1/4" (13 mm x 76 mm x 133 mm) Galvanized U-bolt Assembly	0.9 (0.4)
GUB-4356	1/2" x 3-5/8" x 6" (13 mm x 92 mm x 152 mm) Galvanized U-bolt Assembly	0.9 (0.4)
MT-651	2-3/8" OD x 72" (60.3 mm OD x 1.8 m) Galvanized Pipe	21 (9.5)
MT-651-84	2-3/8" OD x 84" (60.3 mm OD x 2.1 m) Galvanized Pipe	26 (11.8)
MT-651-96	2-3/8" OD x 96" (60.3 mm OD x 2.4 m) Galvanized Pipe	33 (15.2)
MT-537	2-3/8" OD x 126" (60.3 mm OD x 3.2 m) Galvanized Pipe	39 (18)
MT54672	2-7/8" OD x 72" (73 mm OD x 1.8 m) Galvanized Pipe	34 (15.4)
MT54684	2-7/8" OD x 84" (73 mm OD x 2.1 m) Galvanized Pipe	41 (18.6)
MT54696	2-7/8" OD x 96" (73 mm OD x 2.4 m) Galvanized Pipe	46 (20.8)
MT-546-126	2-7/8" OD x 126" (73 mm OD x 3.2 m) Galvanized Pipe	61 (27.6)
MT54772	3-1/2" OD x 72" (89 mm OD x 1.8 m) Galvanized Pipe	71 (32.2)
MT54784	3-1/2" OD x 84" (89 mm OD x 2.1 m) Galvanized Pipe	82 (37.2)
MT54796	3-1/2" OD x 96" (89 mm OD x 2.4 m) Galvanized Pipe	94 (42.6)
MT-547-126	3-1/2" OD x 126" (89 mm OD x 3.2 m) Galvanized Pipe	125 (56.7)

Part Number	Description	Weight, lb (kg)
Pipe Mount Kits for 3-1/2" (88.9 mm) Round Tube Faces		
MT-219-H	Pipe Mount for 2-3/8" OD (60.3 mm OD) Antenna Mount Pipe	11 (5.0)
MT-219M-H	Pipe Mount for 2-7/8" OD (73 mm OD) Antenna Mount Pipe	11 (5.0)
MT-219L-H	Pipe Mount for 3-1/2" OD (89 mm OD) Antenna Mount Pipe	12 (5.4)

Part Number	Description	Weight, lb (kg)
Pipe Mount Kits for 4" (102 mm) Square Tube Faces		
MTC3055PM3	Pipe Mount for 2-7/8" OD (73 mm OD) Antenna Mount Pipe	13 (5.9)
MTC3055PM35	Pipe Mount for 3-1/2" OD (89 mm OD) Antenna Mount Pipe	13 (5.9)

Custom Designed Mount Brackets For Remote Radios

Contact us at
SteelProducts@commscope.com for
assistance with custom applications





- Tower Leg Mounts
- Microwave Dish Supports

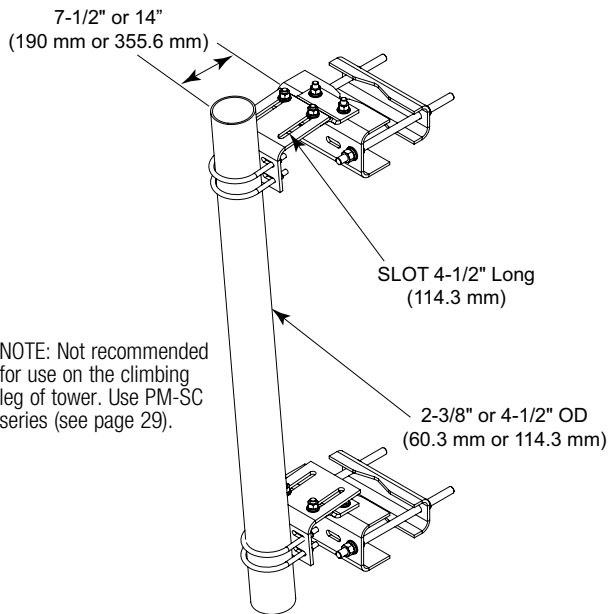
Microwave Mounts

Tower Leg Mounts

PM-SU Sliding Pipe Mount Kits

Application:	Lattice towers
Size:	2-3/8" or 4-1/2" OD (60.3 mm or 114.3 mm OD)
Design:	Pipe with saddle mount and adjustable clamps
Feature:	Universal sliding bracket with up to 7° of taper
Mounts to:	Straight or tapered legs up to 16" OD (406.4 mm OD), 16" (406.4 mm) angle 60°, or 12" (304.8 mm) angle 90°
Material:	Hot dip galvanized steel
Includes:	Universal saddle mount, sliding pipe mount brackets, with or without pipe

Order Separately: Pipes for base kits



NOTE: Not recommended for use on the climbing leg of tower. Use PM-SC series (see page 29).



Part Number	Description	Weight, lb (kg)
Universal Sliding Pipe Mount Kits, for Round or 60° Angle Legs up to 8" (203.2 mm), or 6" (152.4 mm) 90° Angle Legs, 2-3/8" (60.3 mm) Antenna Mounting Pipe		

PM-SU2-B	Base Kit, Order Pipe Separately, Kit of 2	80 (32.3)
PM-SU2-72	2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	101 (45.8)
PM-SU2-96	2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	114 (51.7)

Universal Sliding Pipe Mount Kits, for Round or 60° Angle Legs up to 16" (406.4 mm), or 12" (304.8 mm) 90° Angle Legs, 2-3/8" (60.3 mm) Antenna Mounting Pipe		
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PML-SU2-B	Base Kit, Order Pipe Separately, Kit of 2	80 (32.3)
PML-SU2-72	2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	101 (45.8)
PML-SU2-96	2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	114 (51.7)

Universal Sliding Pipe Mount Kits, for Round or 60° Angle Legs up to 8" (203.2 mm), or 6" (152.4 mm) 90° Angle Legs, 14" (355.6 mm) Stand-off, 2-3/8" (60.3 mm) Antenna Mounting Pipe		
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PM-SU2L-B	Base Kit, Order Pipe Separately, Kit of 2	90 (40.9)
PM-SU2L-72	2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	110 (49.9)
PM-SU2L-96	2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	121 (54.9)

Universal Sliding Pipe Mount Kits, for Round or 60° Angle Legs up to 16" (406.4 mm), or 12" (304.8 mm) 90° Angle Legs, 14" (355.6 mm) Stand-off, 2-3/8" (60.3 mm) Antenna Mounting Pipe		
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PML-SU2L-B	Base Kit, Order Pipe Separately, Kit of 2	90 (40.9)
PML-SU2L-72	2-3/8" OD x 72" (60.3 mm OD x 1.8 m)	110 (49.9)
PML-SU2L-96	2-3/8" OD x 96" (60.3 mm OD x 2.4 m)	121 (54.9)

Universal Sliding Pipe Mount Kits, for Round or 60° Angle Legs up to 8" (203.2 mm), or 6" (152.4 mm) 90° Angle Legs, 4-1/2" (114.3 mm) Antenna Mounting Pipe		
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PM-SU4-B	Base Kit, Order Pipe Separately, Kit of 2	81 (36.8)
PM-SU4-63	4-1/2" OD x 63" (114.3 mm OD x 1.6 m)	138 (62.6)
PM-SU4-96	4-1/2" OD x 96" (114.3 mm OD x 2.4 m)	169 (76.7)

Universal Sliding Pipe Mount Kits, for Round or 60° Angle Legs up to 16" (406.4 mm), or 12" (304.8 mm) 90° Angle Legs, 4-1/2" (114.3 mm) Antenna Mounting Pipe		
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PML-SU4-B	Base Kit, Order Pipe Separately, Kit of 2	81 (36.8)
PML-SU4-63	4-1/2" OD x 63" (114.3 mm OD x 1.6 m)	138 (62.6)
PML-SU4-96	4-1/2" OD x 96" (114.3 mm OD x 2.4 m)	169 (76.7)

Universal Sliding Pipe Mount Kits, for Round or 60° Angle Legs up to 8" (203.2 mm), or 6" (152.4 mm) 90° Angle Legs, 14" (355.6 mm) Stand-off 4-1/2" (114.3 mm) Antenna Mounting Pipe		
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PM-SU4L-B	Base Kit, Order Pipe Separately, Kit of 2	90 (40.9)
PM-SU4L-63	4-1/2" OD x 63" (114.3 mm OD x 1.6 m)	145 (65.8)
PM-SU4L-96	4-1/2" OD x 96" (114.3 mm OD x 2.4 m)	175 (79.4)

Universal Sliding Pipe Mount Kits, for Round or 60° Angle Legs up to 16" (406.4 mm), or 12" (304.8 mm) 90° Angle Legs, 14" (355.6 mm) Stand-off, 4-1/2" (114.3 mm) Antenna Mounting Pipe		
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PML-SU4L-B	Base Kit, Order Pipe Separately, Kit of 2	90 (40.9)
PML-SU4L-63	4-1/2" OD x 63" (114.3 mm OD x 1.6 m)	145 (65.8)
PML-SU4L-96	4-1/2" OD x 96" (114.3 mm OD x 2.4 m)	175 (79.4)

Wind Rating*: 120 mph (BWS) per latest revision of TIA/EIA-222 at 150' AGL

*Typical installation of one 8' microwave antenna with stiff arms

Microwave Mounts

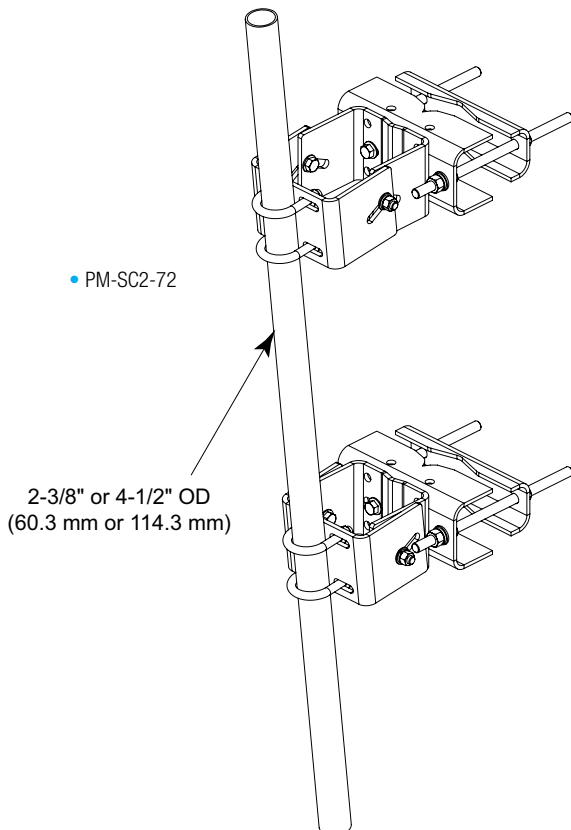
Tower Leg Mounts

Tower PM-SC Pipe Mount Kits

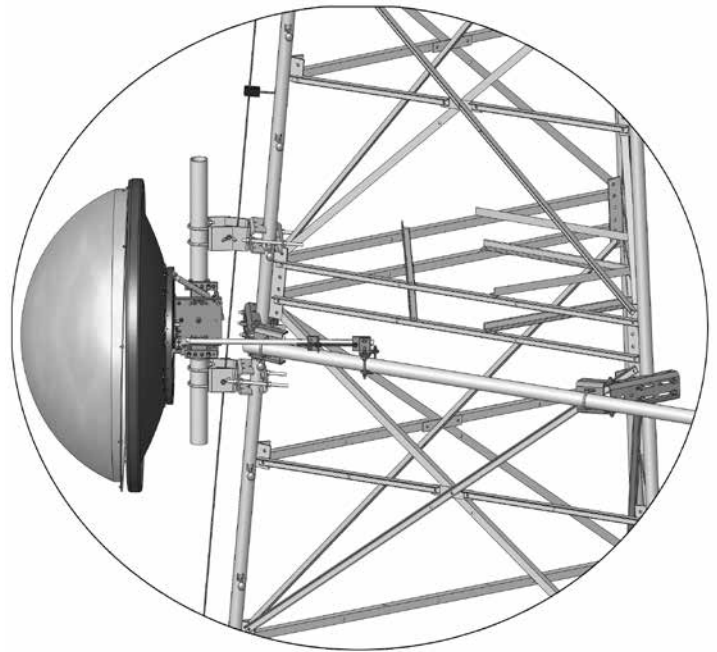
- Application:** Antenna leg mounting for round or angle towers
- Size:** 2-3/8" or 4-1/2" OD (60.3 mm or 114.3 mm OD)
- Design:** Pipe with saddle mount and adjustable clamps
- Feature:** Designed for climbing leg
- Mounts to:** Straight or tapered legs up to 16" OD (406.4 mm OD), 16" (406.4 mm) angle 60°, or 12" (304.8 mm) angle 90°
- Material:** Hot dip galvanized steel
- Includes:** Universal saddle mount, taper adjustment brackets, with or without pipe
- Order Separately:** Pipes for base kits

Wind Rating*: 120 mph (BWS) per latest revision of TIA/EIA-222 at 150' AGL

**Typical installation of one 8' microwave antenna with stiff arms*



Part Number	Description
Universal Pipe Mount Kit With Open Face Taper Adjustment, for Round or 60° Angle Legs up to 8" (203.2 mm), or 90° Angle Legs up to 6" (152.4 mm)	
PM-SC2-B	Pipe Ordered Separately
PM-SC2-72	2-3/8" x 72" (60.3 mm x 1.8 m) Antenna Mounting Pipe
PM-SC2-96	2-3/8" x 96" (60.3 mm x 2.4 m) Antenna Mounting Pipe
PM-SC4-B	Pipe Ordered Separately
PM-SC4-63	4-1/2" x 63" (114.3 mm x 1.6 m) Antenna Mounting Pipe
PM-SC4-96	4-1/2" x 96" (114.3 mm x 2.4 m) Antenna Mounting Pipe
Universal Pipe Mount Kit With Open Face Taper Adjustment, for Round or 60° Angle Legs up to 16" (406.4 mm), or 90° Angle Legs up to 12" (304.8 mm)	
PML-SC2-B	Pipe Ordered Separately
PML-SC2-72	2-3/8" x 72" (60.3 mm x 1.8 m) Antenna Mounting Pipe
PML-SC2-96	2-3/8" x 96" (60.3 mm x 2.4 m) Antenna Mounting Pipe
PML-SC4-B	Pipe Ordered Separately
PML-SC4-63	4-1/2" x 63" (114.3 mm x 1.6 m) Antenna Mounting Pipe
PML-SC4-96	4-1/2" x 96" (114.3 mm x 2.4 m) Antenna Mounting Pipe

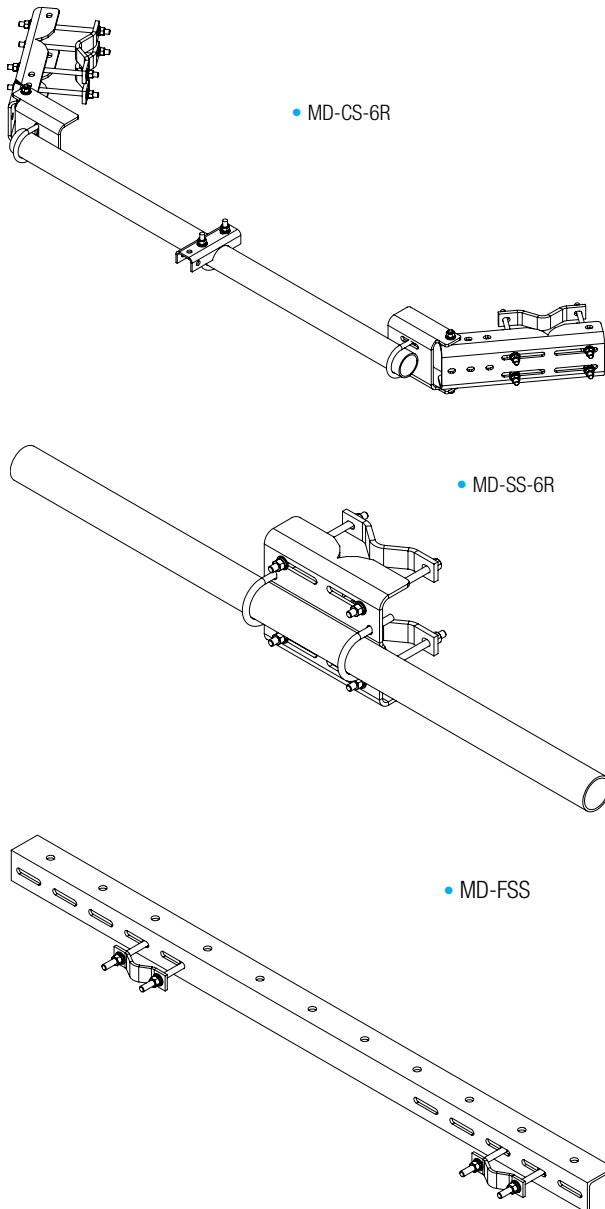


Microwave Mounts

Strut Supports

MD Series Microwave Antenna Supports

Application:	Structural strut supports for round or angle tower legs
Size:	4', 6', 8', or 10' (1.2 m, 1.8 m, 2.4 m, or 3.1 m) Tower faces
Design:	Round or angle strut support kits
Feature:	Tower face strut support kits
Mounts to:	Straight or tapered legs up to 16" OD (406.4 mm OD), 16" (406.4 mm) angle 60°, or 12" (304.8 mm) angle 90°
Material:	Hot dip galvanized steel

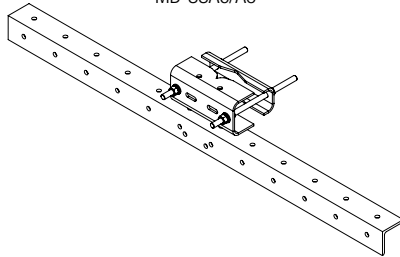


Part Number	Description
Tower Face Mounted Microwave Dish Channel Support Kit, for Round or 60° Angle Legs up to 8" (203.2 mm), or 90° Angle Legs up to 6" (152.4 mm)	
MD-CS-6R	6' (1.8 m) Plain End Pipe
MD-CS-8R	8' (2.4 m) Plain End Pipe
MD-CS-10R	10' (3.1 m) Plain End Pipe
Tower Face Mounted Microwave Dish Channel Support Kit, for 8" (203.2 mm) to 16" (406.4 mm) Round, 8" (203.2 mm) to 16" (406.4 mm) 60° Angle Legs, or 6" (152.4 mm) to 12" (304.8 mm) 90° Angle Legs	
MDL-CS-6R	6' (1.8 m) Plain End Pipe
MDL-CS-8R	8' (2.4 m) Plain End Pipe
MDL-CS-10R	10' (3.1 m) Plain End Pipe
Tower Leg Mounted Microwave Dish Strut Support, for Round or 90° Angle Legs up to 8" (203.2 mm), or 6" (152.4 mm) 60° Angle Legs	
MD-SS-6R	6' (1.8 m) Pipe
MD-SS-8R	8' (2.4 m) Pipe
Tower Leg Mounted Microwave Dish Strut Support Kit, for 8" (203.2 mm) to 16" (406.4 mm) Round, or 8" (203.2 mm) to 16" (406.4 mm) 60° Angle Legs, or 6" (152.4 mm) to 12" (304.8 mm) 90° Angle Legs	
MDL-SS-6R	6' (1.8 m) Pipe
MDL-SS-8R	8' (2.4 m) Pipe
Tower Leg Mounted Microwave Dish Strut Support, for Round or 60° Angle Legs up to 8" (203.2 mm), or 6" (152.4 mm) 90° Angle Legs	
MD-SSA6	6' (1.8 m) Angle
Tower Leg Mounted Microwave Dish Strut Support Kit, for 8" (203.2 mm) to 16" (406.4 mm) Round, or 8" (203.2 mm) to 16" (406.4 mm) 60° Angle Legs, or 6" (152.4 mm) to 12" (304.8 mm) 90° Angle Legs	
MDL-SSA4	4' (1.2 m) Angle
MDL-SSA6	6' (1.8 m) Angle
Angle for MD-CS Series	
MD-CSA6	3/8" x 3-1/2" x 3-1/2" x 6' (9.5 mm x 88.9 mm x 89 mm x 1.8 m)
MD-CSA8	3/8" x 3-1/2" x 3-1/2" x 8' (9.5 mm x 88.9 mm x 89 mm x 2.4 m)
Microwave Dish Face Strut Support	
MD-FSS	3/8" x 3" x 3" x 5' 6" (9.5 mm x 76.2 mm x 76.2 mm x 1.7m)

Microwave Mounts

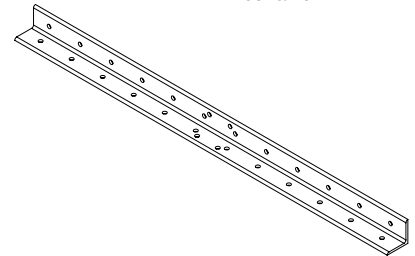
Solutions Guide

• MD-SSA6/A8



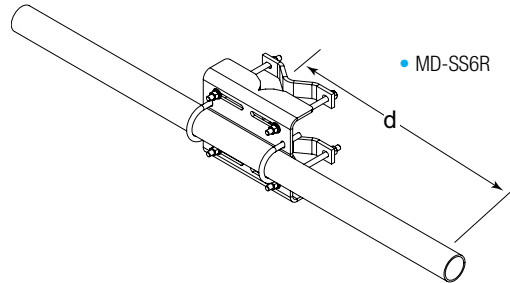
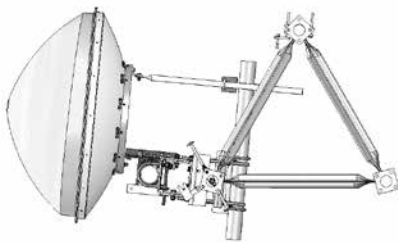
NOTE: It is assumed that a qualified structural engineer has reviewed the tower structure for the loads created by the microwave antennas and strut supports.

• MD-CSA6/A8

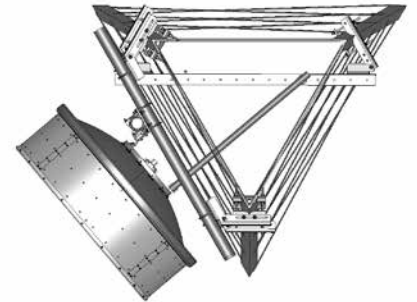


USAGE	MD-SSA6	MD-SSA8
Saddle Mount Attached in Center of Angle		
Max. distance from leg (d)	36" (914.4 mm)	48" (1219.2 mm)
Acceptable Load	1500 lb (680.4 kg)	1000 lb (454 kg)

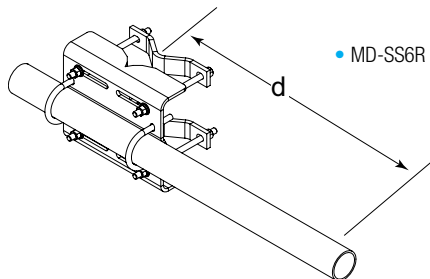
USAGE	MD-CSA6	MD-CSA8
Angle Attached at Each End to Tower Leg Mount		
Max. distance from legs (d)	36" (914.4 mm)	48" (1219.2 mm)
Acceptable Load	2500 lb (1134 kg)	2000 lb (907.2 kg)



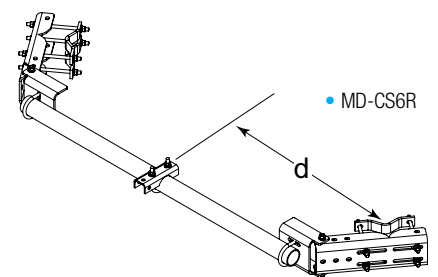
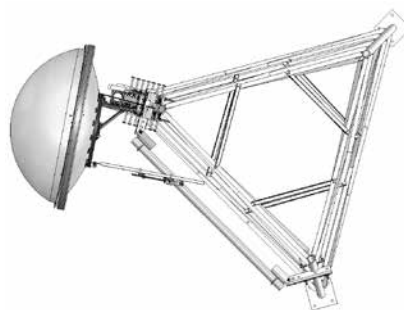
• MD-SS6R



USAGE	MD-SS6R	MD-SS8R	MD-SS10R
Saddle Mount Attached in Center of Pipe			
Max. distance from leg (d)	36" (914.4 mm)	48" (1219.2 mm)	60" (1524 mm)
Acceptable Load	2500 lb (1134 kg)	2000 lb (907.2 kg)	1500 lb (680.4 kg)



• MD-SS6R



• MD-CS6R

USAGE	MD-SS6R	MD-SS8R	MD-SS10R
Saddle Mount Attached at One End of Pipe			
Max. distance from leg (d)	60" (1524 mm)	84" (2134 mm)	108" (2743 mm)
Acceptable Load	1500 lb (680.4 kg)	1000 lb (454 kg)	500 lb (227 kg)

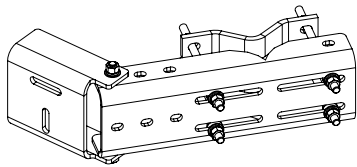
USAGE	MD-CS6R	MD-CS8R	MD-CS10R
Pipe Attached at Each End to Tower Leg Mount			
Max. distance from legs (d)	36" (914.4 mm)	48" (1219.2 mm)	60" (1524 mm)
Acceptable Load	2500 lb (1134 kg)	2500 lb (1134 kg)	2500 lb (1134 kg)

Microwave Mounts

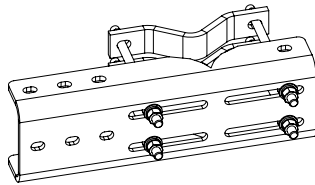
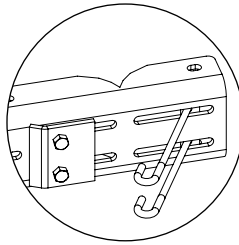
Strut Supports

Microwave Strut Support

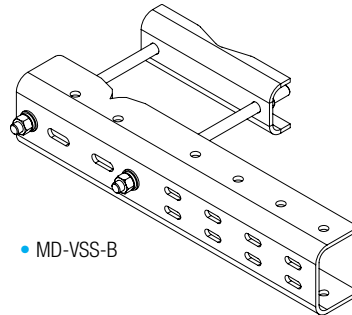
- Application:** Structural strut supports for round or angle tower legs
- Size:** 21" (533.4 mm) channel
- Design:** Universal support bracket
- Feature:** Universal strut attachment
- Mounts to:** Straight or tapered legs up to 16" OD (406.4 mm OD), 16" (406.4 mm) angle 60°, or 12" (304.8 mm) angle 90°
- Material:** Hot dip galvanized steel
- Includes:** Support bracket, attachment hardware
- Order Separately:** Microwave strut pipe or angle, u-bolt



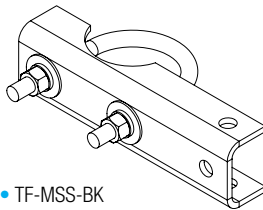
• MD-CS / • MD-CSL



• MD-CS-B



• MD-VSS-B



• TF-MSS-BK



Part Number	Description
Microwave Dish Strut Support Bracket for Round or 60° Angle Legs up to 8" (203.2 mm), or 6" (152.4 mm) 90° Angle Legs	
MD-CS	Universal, for Mounting up to 3-1/2" (88.9 mm) Face Pipes on Round or Angle Legs (Kit of 1)
MD-CSL	Universal, for Mounting up to 4-1/2" (114.3 mm) Face Pipes on Round or Angle Legs (Kit of 1)
MD-CS-F	Face Mounted, for Mounting up to 3-1/2" (88.9 mm) Face Pipes on Round or Angle Legs (Kit of 2)
MD-CS-B	Face Mounted (Kit of 1)

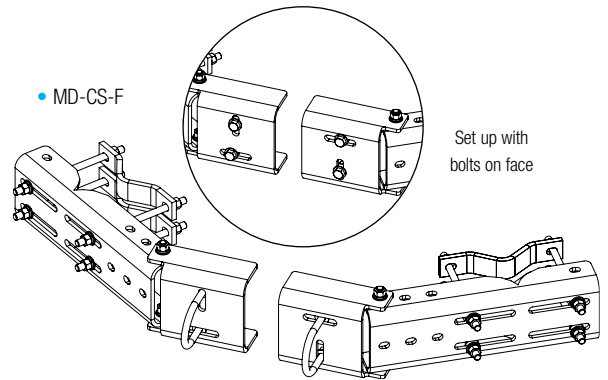
Microwave Dish Strut Support Bracket, for 8" to 16" (203.2 mm to 406.4 mm) Round, or 8" to 16" (203.2 mm to 406.4 mm) 60° Angle Legs, or 6" to 12" (152.4 mm to 304.8 mm) 90° Angle Legs	
MDL-CS	Universal, for Mounting up to 3-1/2" (88.9 mm) Face Pipes on Round or Angle Legs (Kit of 1)
MDL-CSL	Universal, for Mounting up to 4-1/2" (114.3 mm) Face Pipes on Round or Angle Legs (Kit of 1)
MDL-CS-F	Face Mounted, for Mounting up to 3-1/2" (88.9 mm) Face Pipes on Round or Angle Legs (Kit of 2)
MDL-CS-B	Face Mounted (Kit of 1)

Microwave Dish Vertical Strut Support

MD-VSS-B	Microwave Dish Vertical Strut Support
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Microwave Strut Attachment Bracket

TF-MSS-BK2	For 2-3/8" OD (60.3 mm OD) Pipe
TF-MSS-BK	For 3-1/2" OD (88.9 mm OD) Pipe
TF-MSS-BK45	For 4-1/2" OD (114.3 mm OD) Pipe

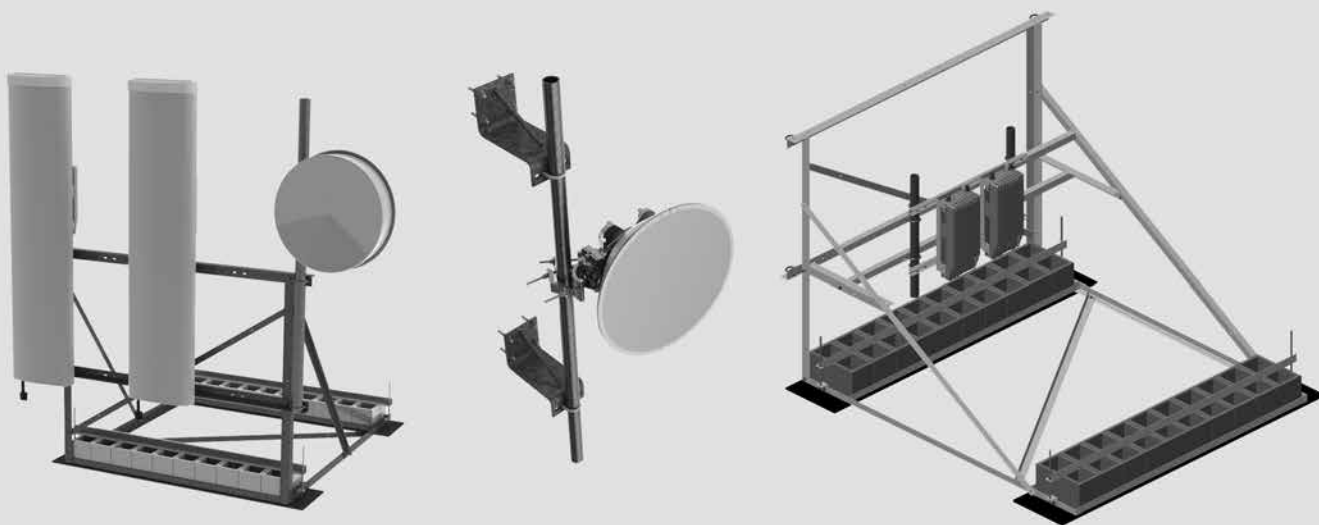


• MD-CS-F

Set up with bolts on face

Set up with U-bolt on Face





- Roof Frames
- Mounting Components
- Customs

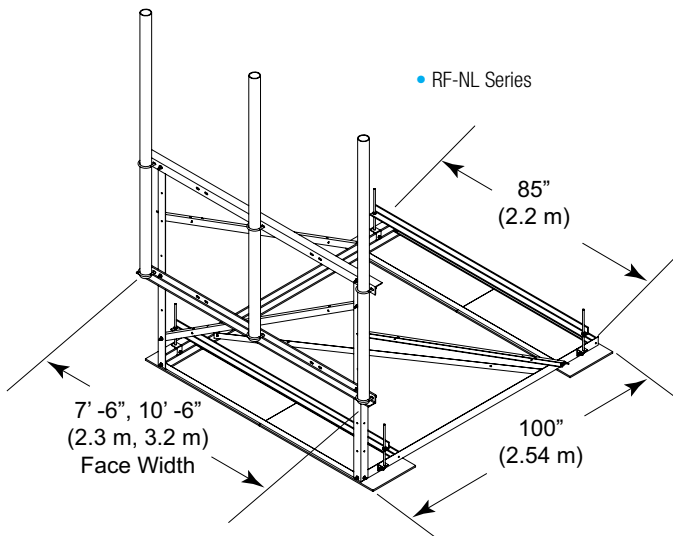
Roof-Top Mounts

High Capacity Roof Frames

RF-NL Non-penetrating Roof Frames

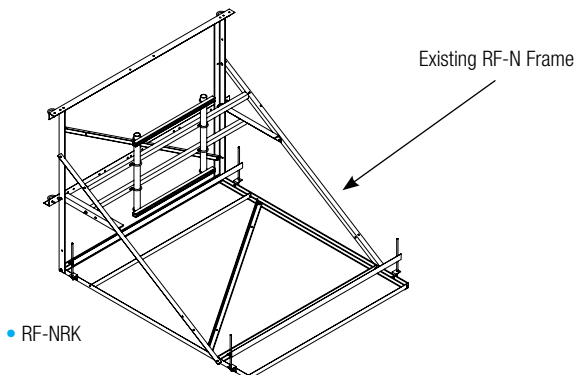
Application:	Roof-top
Size:	7' -6" or 10' -6" (2.3 m to 3.2 m) face
Design:	Single sector roof mount
Feature:	Heavy duty vertical and horizontal face angles
Material:	Hot dip galvanized steel
Includes:	Rubber mats, available with or without pipe mounts

Order Separately: Pipes for B kits



RRU Mount Kit for RF-N Roof-top Frames

Application:	Roof-top
Size:	36" (914 mm) high x 42" (1067 mm) wide mounting area
Design:	Mounts to RF-N frames
Feature:	Field Retrofit Kit
Material:	Hot dip galvanized steel



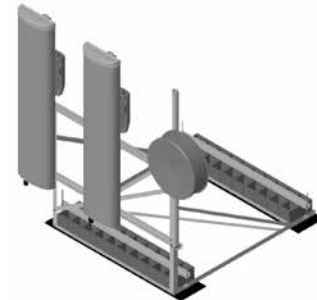
Part Number	Description	Weight, lb (kg)
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Load Enhanced Non-penetrating Roof Frame, 7' -6" (2.3 m) Wide

RF-NL7-B	3-1/2" OD (88.9 mm OD) Pipes Ordered Separately	478 (217)
RF-NL7-2-72	Two 3-1/2" OD x 72" (88.9 mm OD x 1.8 m) Pipes	567 (257)
RF-NL7-3-72	Three 3-1/2" OD x 72" (88.9 mm OD x 1.8 m) Pipes	614 (279)
RF-NL7-2-96	Two 3-1/2" OD x 96" (88.9 mm OD x 2.4 m) Pipes	597 (271)
RF-NL7-3-96	Three 3-1/2" OD x 96" (88.9 mm OD x 2.4 m) Pipes	659 (299)

Load Enhanced Non-penetrating Roof Frame, 10' -6" (3.2 m) Wide

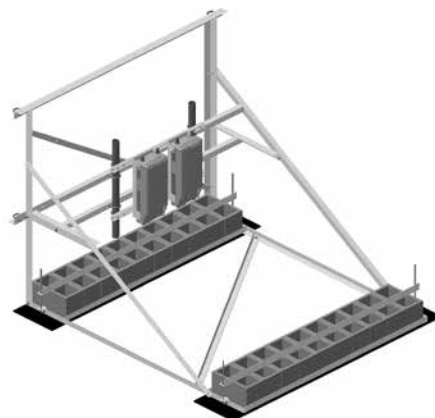
RF-NL10-B	3-1/2" OD (88.9 mm OD) Pipes Ordered Separately	500 (227)
RF-NL10-2-72	Two 3-1/2" OD x 72" (88.9 mm OD x 1.8 m) Pipes	589 (267)
RF-NL10-3-72	Three 3-1/2" OD x 72" (88.9 mm OD x 1.8 m) Pipes	636 (288)
RF-NL10-2-96	Two 3-1/2" OD x 96" (88.9 mm OD x 2.4 m) Pipes	619 (281)
RF-NL10-3-96	Three 3-1/2" OD x 96" (88.9 mm OD x 2.4 m) Pipes	681 (309)



Part Number	Description	Weight, lb (kg)
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Roof-top Frame RRU Retrofit Kit

RF-NRK	RRU Retrofit Kit	90 (41)
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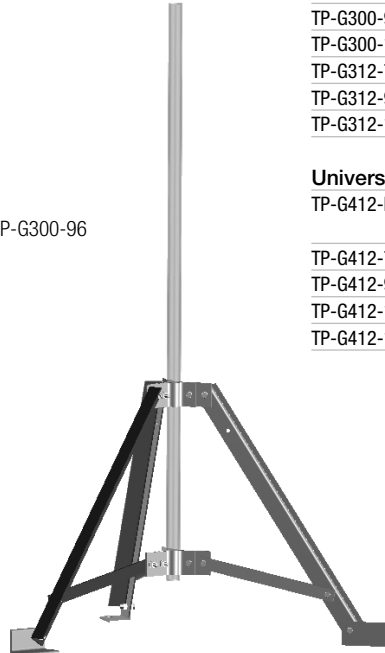
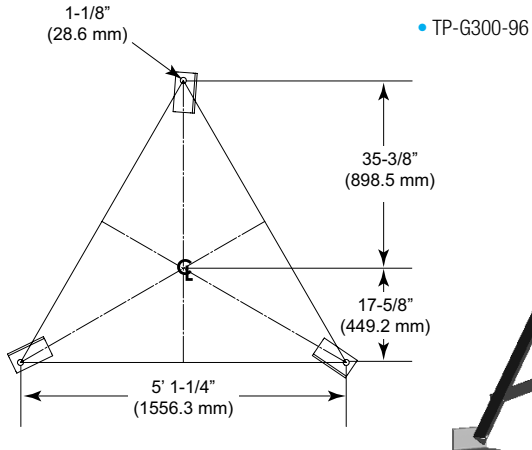


Roof-Top Mounts

Roof Frames

Universal Tripod Mounts

Application: Roof-top mounting for one antenna
Size: 2-7/8", 3-1/2" or 4-1/2" OD (73 mm, 88.9 mm or 114.3 mm OD)
Design: Heavy duty tripod mount
Feature: Interchangeable base unit
Material: Hot dip galvanized steel
Includes: Mount, with or without pipe
Order Separately: Roof sled and pipe



Part Number	Description	Weight, lb (kg)
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Universal Tripod Mount, 2-7/8" or 3-1/2" OD (73 mm or 88.9 mm OD)

TP-G300-B	Base Only for 2-7/8" or 3-1/2" OD (73 mm or 88.9 mm OD), Pipe Ordered Separately	114.3 (51.8)
TP-G300-72	2-7/8" OD x 72" (73 mm OD x 1.8 m)	145 (65.8)
TP-G300-96	2-7/8" OD x 96" (73 mm OD x 2.4 m)	160 (72.6)
TP-G300-126	2-7/8" OD x 126" (73 mm OD x 3.2 m)	170 (77.1)
TP-G312-72	3-1/2" OD x 72" (88.9 mm OD x 1.8 m)	150 (68.0)
TP-G312-96	3-1/2" OD x 96" (88.9 mm OD x 2.4 m)	170 (77.1)
TP-G312-126	3-1/2" OD x 126" (88.9 mm OD x 3.2 m)	190 (86.2)

Universal Tripod Mount, 4-1/2" OD (114.3 mm OD)

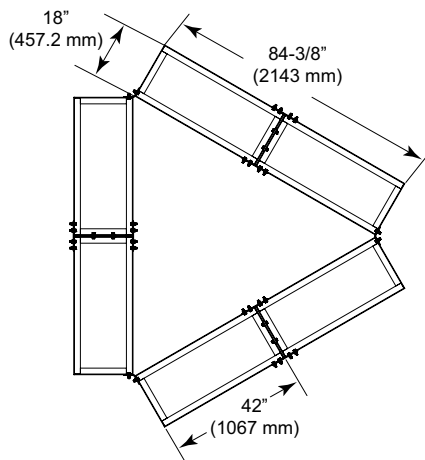
TP-G412-B	Base Only for 4-1/2" OD (114.3 mm OD), Pipe Ordered Separately	173.4 (78.7)
TP-G412-72	4-1/2" OD x 72" (114.3 mm OD x 1.8 m)	238.2 (108.0)
TP-G412-96	4-1/2" OD x 96" (114.3 mm OD x 2.4 m)	259.8 (117.8)
TP-G412-126	4-1/2" OD x 126" (114.3 mm OD x 3.2 m)	286.8 (130.1)
TP-G412-150	4-1/2" OD x 150" (114.3 mm OD x 3.8 m)	308.4 (139.9)

Wind Rating*: 85 mph (BWS) per latest revision of TIA/EIA-222 Exposure "C" per UBC, at 100' AGL

*Typical installation of one 6' standard microwave antenna using 4-1/2" pipe mast See Engineering Data Table for ballast

Non-penetrating Roof Ballast Sled for Tripods

Application: Non-penetrating solution for TP-G series mounts
Size: 85" (2.15 m) faces
Design: Converts tripods to non-penetrating
Feature: Three ballast trays
Material: Hot dip galvanized steel
Includes: Sled only
Order Separately: Tripod and rubber mats



Part Number	Description	Weight, lb (kg)
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Non-penetrating Roof Ballast Sled for Tripods

MT-416	Non-penetrating Roof Sled, Tripod Mount Ordered Separately	171.7 (77.9)
MT-F1637	Rubber Mat, 1/2" x 18" x 48" (13 mm x 457 mm x 1219 mm), Six Mats Required for Ballast Tray	16.2 (7.3)

• TP-G412-72 with MT-416



Roof-Top Mounts

Mounting Components

Stand-off Wall Mount

Application: 36" (914 mm) Stand-off for wall mounting antennas

Size: 36" (914 mm) stand-off

Design: Welded stand-off mount

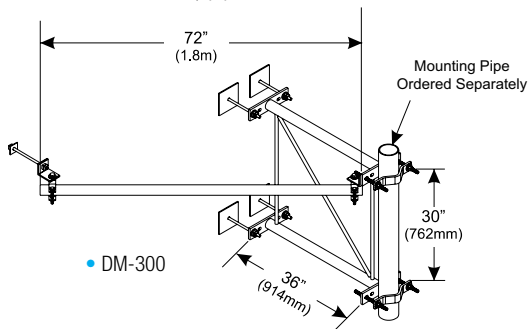
Feature: Heavy duty for microwave antennas

Mounts to: Walls

Material: Hot dip galvanized steel

Includes: Bracket, stiff-arm, and wall mount hardware

Order Separately: 3-1/2" or 4-1/2" OD (88.9 mm or 114.3 mm OD) pipe



Corner Wall Mounts

Application: Antenna mounting for corners of buildings

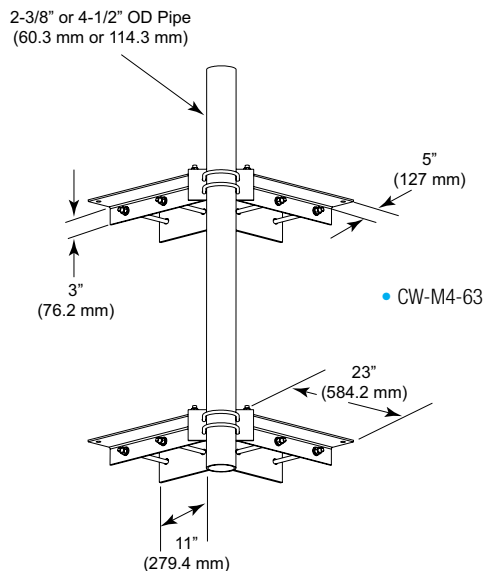
Design: V-shaped corner mount

Feature: Adjustable clamp spacing

Mounts to: Wall corners

Material: Hot dip galvanized steel

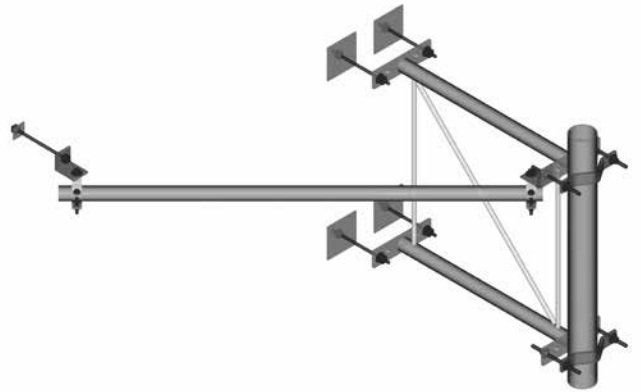
Includes: Two brackets, pipe mount, and wall mount hardware



Part Number	Description	Weight, lb (kg)
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Stand-off Wall Mount

DM-300	Stand-off Wall Mount, 36" (914 mm), for Solid and Hollow Walls, Includes 72" (1829 mm) Stiff Arm	151 (68.4)
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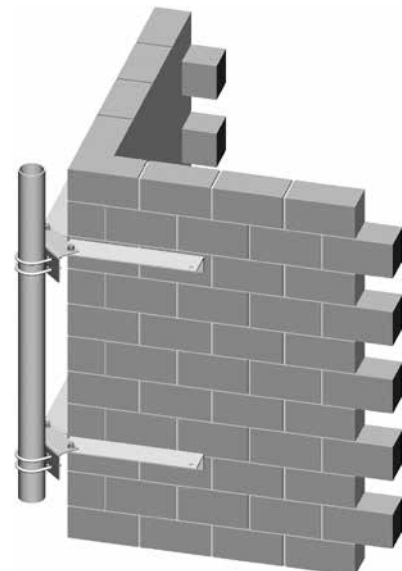
Part Number	Description	Weight, lb (kg)
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Corner Wall Mount With 2-3/8" OD (60.3 mm OD) Antenna Pipe

CW-M2-63	63" (1.6 m) Pipe	123.7 (56.1)
CW-M2-96	96" (2.4 m) Pipe	133.6 (60.6)

Corner Wall Mount With 4-1/2" OD (114.3 mm OD) Antenna Pipe

CW-M4-63	63" (1.6 m) Pipe	161.5 (73.3)
CW-M4-96	96" (2.4 m) Pipe	191.2 (86.7)



Roof-Top Mounts

Mounting Components

Adjustable Wall Mounts

Application: Mounting antennas on hollow or solid walls

Size: 6" (152.4 mm) square plate, 6-1/4" or 12" (157.75 mm or 305 mm) stand-off

Design: Welded dual brackets

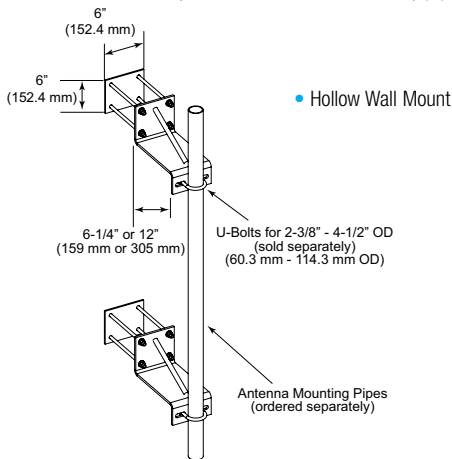
Feature: Variable spacing flexibility

Mounts to: Versions for hollow or solid walls

Material: Hot dip galvanized steel

Includes: Two wall brackets and backing plates or anchors

Order Separately: U-bolts and 2-3/8" to 4-1/2" OD (60.3 mm to 114.3 mm OD) pipe



Roof-top Microwave Dish Ballast Mount System

Application: Roof-top

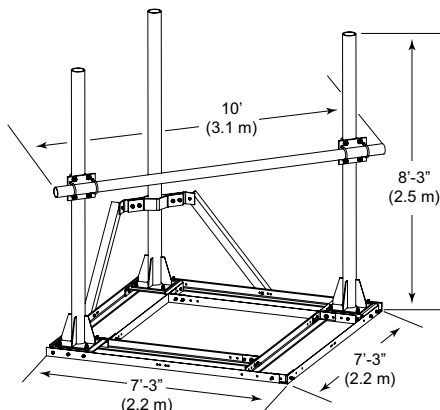
Design: Single sector microwave roof mount

Feature: Non-penetrating, ballast design microwave support pipe and tieback piep included, suitable for use with up to 8' (2.4 m) microwave dishes

Material: Hot dip galvanized steel

Includes: Complete roof mount kit

Order Separately: Rubber mats



Part Number	Description	Weight, lb (kg)
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Adjustable Wall Mounts, 6" (152.4 mm) Stand-off

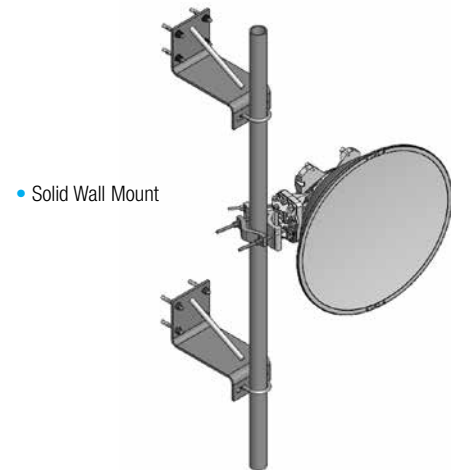
MT-221	For Hollow Walls, Includes Backing Plates, Kit of 2	68.6 (31.1)
MT-222	For Solid Walls, Includes Wall Anchors, Kit of 2	45.5 (20.6)

Adjustable Wall Mounts, 12" (305 mm) Stand-off

MT-221L	For Hollow Walls, Includes Backing Plates, Kit of 2	75.3 (34.2)
MT-222L	For Solid Walls, Includes Wall Anchors, Kit of 2	50.7 (23.0)

Optional Backing Plate

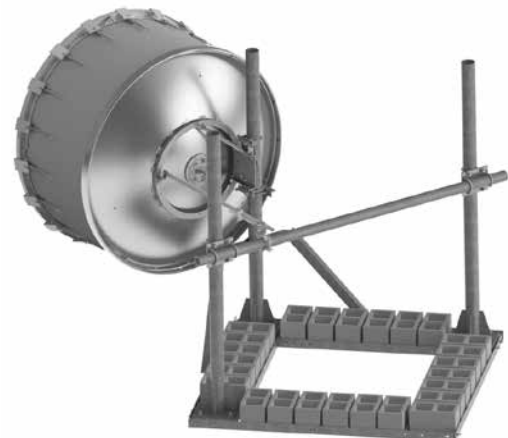
MT-223	Backing Plate Kit, 12" x 12" (305 mm x 305 mm)	23.1 (10.5)
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Part Number	Description	Weight, lb (kg)
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Roof-top Microwave Dish Ballast Mount System

RF-MW8-B	Three 4.5" OD X 8' Supports with 3.5" OD Strut Support Member	996 (451.8)
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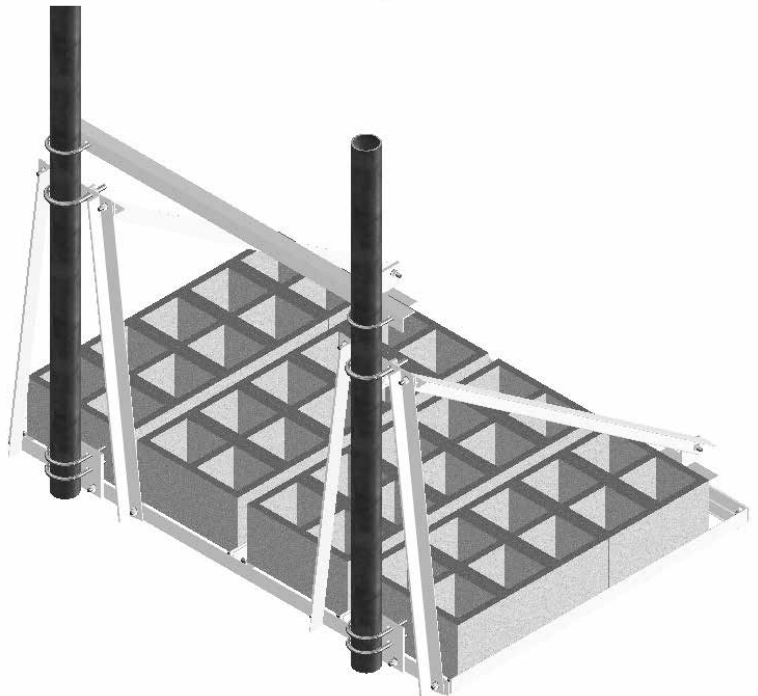
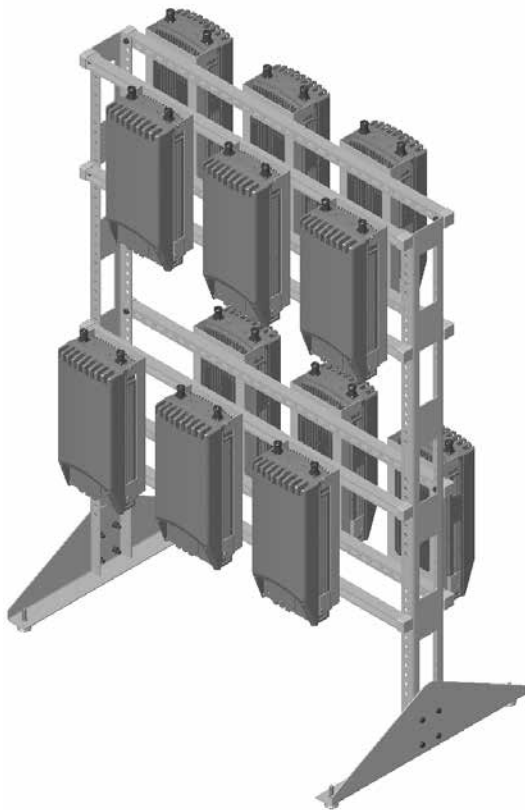
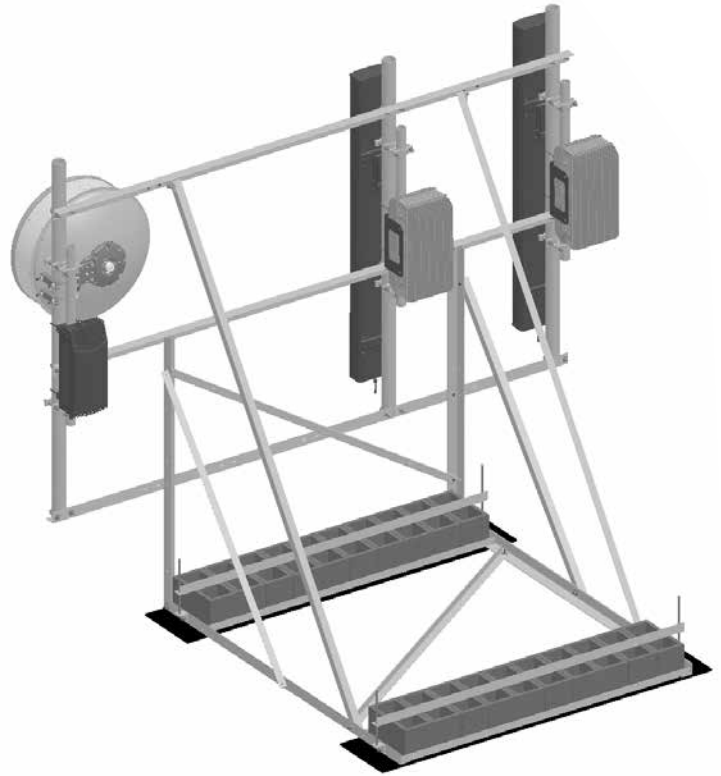
Roof-Top Mounts

Custom Mounts for Specific Applications

Custom Designs

Don't see a configuration that meets your needs? CommScope also offers custom designs that can meet even the most challenging site requirements. We even offer full factory assembled designs that include complete integration of equipment and battery, cabinets, integrated load centers, generators and more.

Contact your local CommScope representative or: steelproducts@commscope.com for more information.





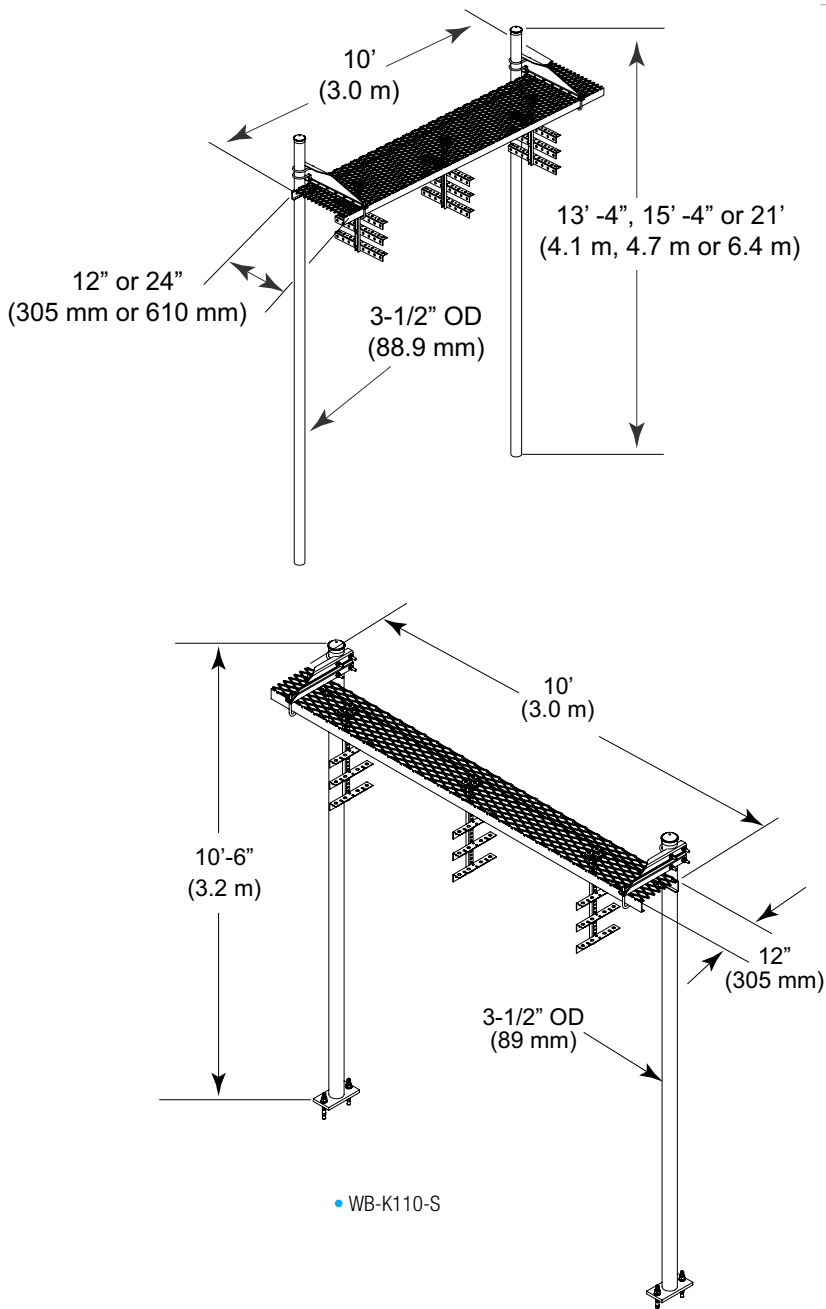
- Waveguide Bridge Kits
- Cable Ladder Kits
- Coaxial Support Components

Cable Support

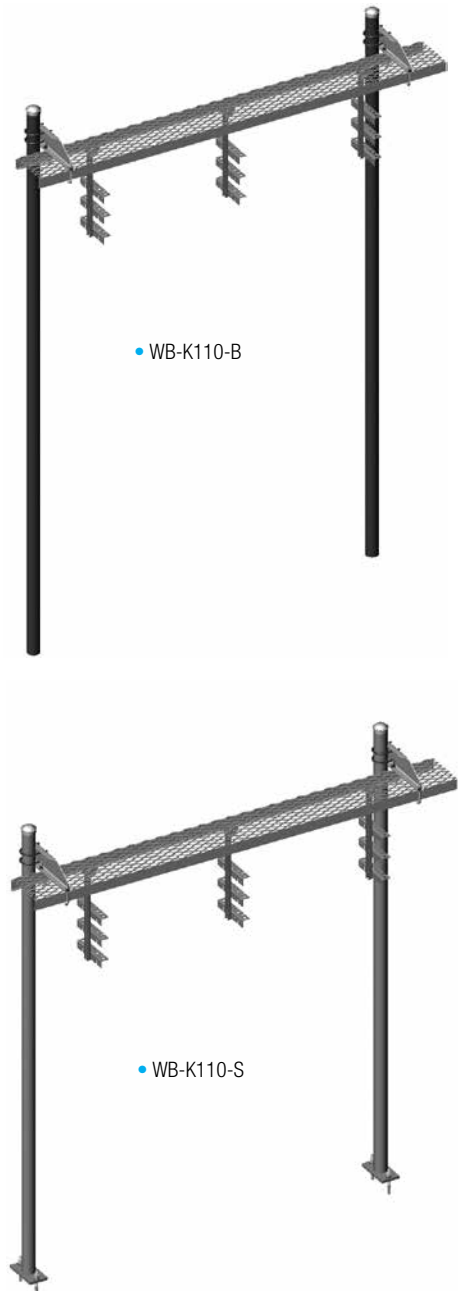
Waveguide Bridge Kits

12" or 24" (305 mm or 610 mm) Two-post Waveguide Bridge Kits

- Application:** Covered waveguide support from tower to cabinets
- Design:** Two-post, 10' (3.0 m) safety grating
- Feature:** Complete kit for coaxial cable support
- Material:** Hot dip galvanized steel
- Includes:** Channel, posts, support brackets, caps, trapeze, and hardware
- Order Separately:** Additional accessories



Part Number	Description	Weight, lb (kg)
12" (305 mm) Wide Two-post Safety Grated Waveguide Bridge Kit		
WB-K110-B	Two 13'-4" (4.1 m) Direct Burial Posts	325.0 (147.4)
WB-K110-S	Two 10'-6" (3.2 m) Base Shoe Posts	308.0 (139.7)
24" (0.6 m) Wide Two-post Safety Grated Waveguide Bridge Kit		
WB-K210-B	Two 13'-4" (4.1 m) Direct Burial Posts	385.0 (174.6)
WB-K210-B15	Two 15'-4" (4.7 m) Direct Burial Posts	415.3 (188.4)
WB-K210-B21	Two 21' (6.4 m) Direct Burial Posts	501.2 (227.3)
WB-K210-S	Two 10'-6" (3.2 m) Base Shoe Posts	367.0 (166.5)

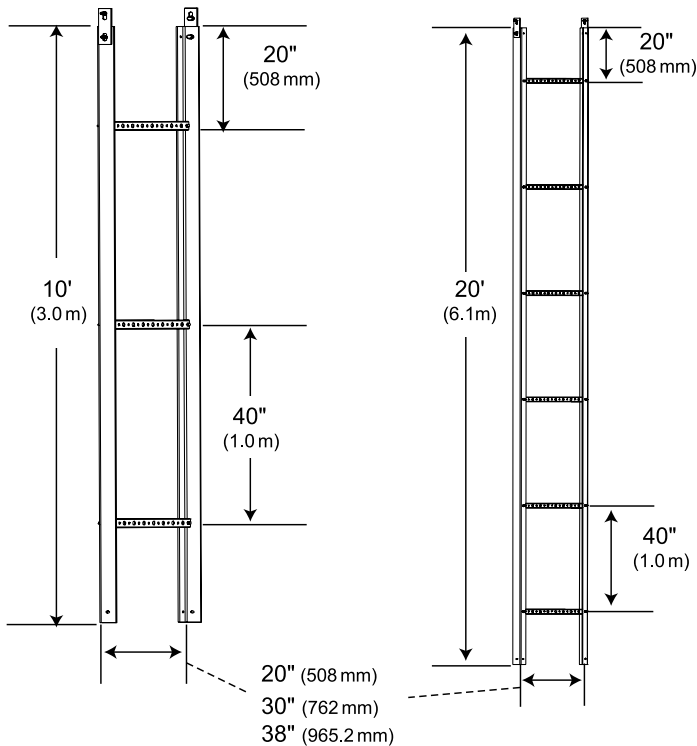


Cable Support

Cable Ladder Kits

Universal Cable Ladder Kits

Application:	Coaxial support for round or angle members
Size:	10' (3 m) and 20' (6 m) in three widths
Design:	Angle rails with bolt-on channel rungs
Feature:	Complete ladder kit
Mounts to:	Round and angle legs
Material:	Hot dip galvanized steel
Includes:	Ladder, splice plates, and attachment kits



Universal Cable Ladder Hardware Kit

Application:	Universal cable ladder hardware
Size:	1" to 4-1/2" (25.4 mm to 114.3 mm) round or angle members
Design:	One piece plate
Feature:	Universal attachment plate
Mounts to:	1" to 4-1/2" (25.4 mm to 114.3 mm) round and angle legs
Material:	Hot dip galvanized steel
Includes:	Plate and J-bolts
Order Separately:	Cable ladder

Part Number	Description	Weight, lb (kg)
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10' (3 m) Universal Cable Ladder Kits

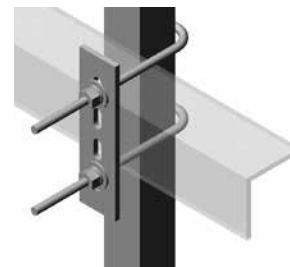
Includes Universal Hardware Kit for Round and Angle Members

CL-0610-U	20" Wide (355.6 mm), Six Hole Rung	57 (25.9)
CL-0910-U	30" Wide (762 mm), Nine Hole Rung	59 (27.0)
CL-1210-U	38" Wide (1 m), Twelve Hole Rung	62 (28.0)

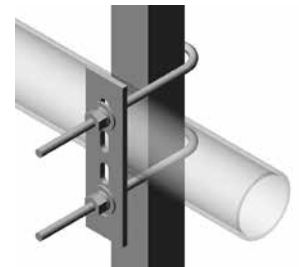
20' (6 m) Universal Cable Ladder Kits

Includes Universal Hardware Kit for Round and Angle Members

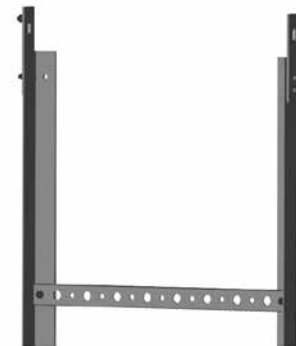
CL-0620-U	20" Wide (355.6 mm), Six Hole Rung	112 (50.8)
CL-0920-U	30" Wide (762 mm), Nine Hole Rung	117 (52.9)
CL-1220-U	38" Wide (1 m), Twelve Hole Rung	121 (55.1)



Angled Member Attachment



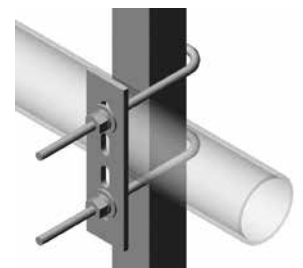
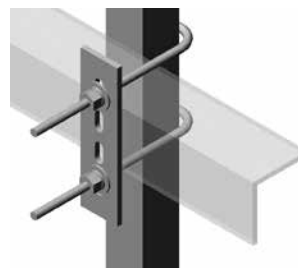
Round Member Attachment



Part Number	Description	Wt. lb (kg)
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Universal Cable Ladder Hardware Kit

HK-CL-U	1" to 4-1/2" (25.4 mm to 114.3 mm) Round or Angle Members	4 (1.7)
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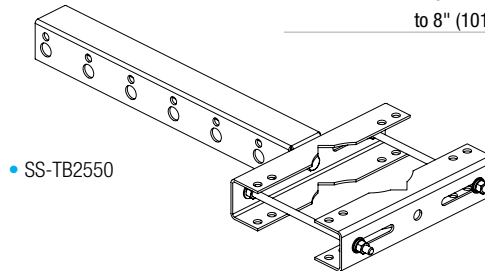


Cable Support

Coaxial Support Components

Star Support Brackets

Application: Coaxial support on round or angle members
Size: 3/4" (19.1 mm) and 7/16" (11.1 mm) holes
Design: Bolt together stand-off mount
Feature: Six or twelve hole solution
Mounts to: Round and angle members
Material: Hot dip galvanized steel
Includes: Bracket

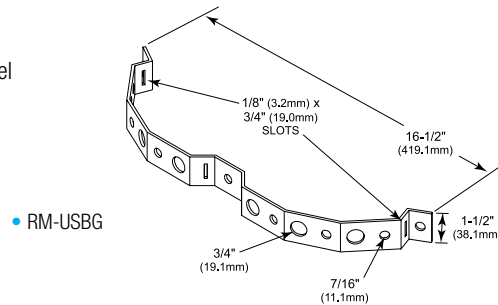


• SS-TB2550

Part Number	Description	Weight, lb (kg)
Star Support Tee Bracket		
SS-TB2550	1-1/2" to 5-9/16" OD (38.1 mm to 141.3 mm OD) Round Members and 2-1/2" to 5" (50.8 mm to 127 mm) Angle Members	8 (3.6)
SS-TB6080	4" to 10-3/4" OD (101.6 mm to 273.1 mm OD) Round Members and 4" to 8" (101.6 mm to 203.2 mm) Angle Members	10 (4.5)

Universal Round Member Support Bracket

Application: Coaxial support for monopoles
Size: 3/4" (19.1 mm) and 7/16" (11.1 mm) holes
Design: Coaxial cable support for round members
Feature: Ideal for co-location
Mounts to: Round members
Material: Hot dip galvanized steel
Includes: Bracket
Order Separately: Banding



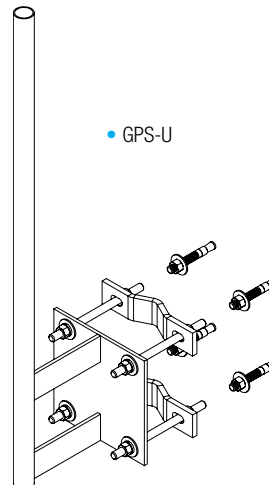
• RM-USBG



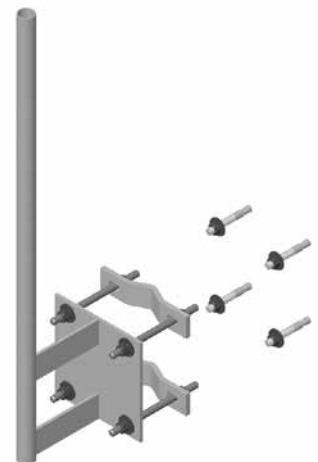
Part Number	Description	Weight, lb (kg)
Universal Round Member Support Bracket		
RM-USBG	Universal Round Member Support Bracket for 6 Runs, Kit of 10	9.0 (4.1)

GPS Antenna Pipe/Wall Mount

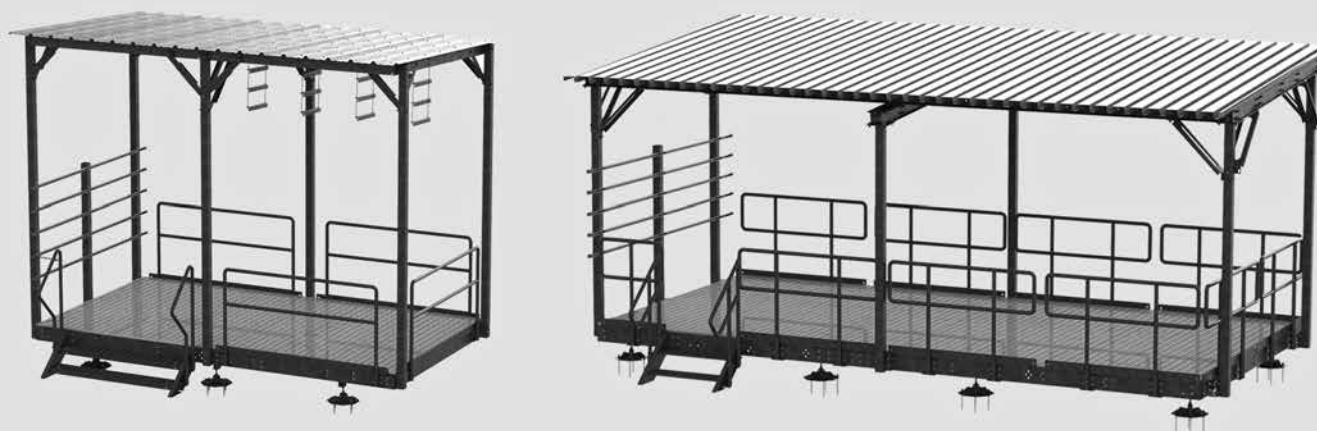
Application: GPS mount for pipe or wall mounting
Size: 1.3" OD x 36" (33 mm OD x .9 m)
Design: Welded mount with 7" (178 mm) stand-off
Feature: Hardware for mounting to walls or pipe 1.9" to 4.5" OD (48.3 mm to 114.3 mm OD)
Mounts to: Pipes or walls
Material: Hot dip galvanized steel
Includes: Mount, hardware
Order Separately: GPS antenna



• GPS-U



Part Number	Description	Wt lb (kg)
GPS Antenna Pipe/Wall Mount		
GPS-U	1.3" OD x 36" (33 mm OD x .9 m)	16 (7.3)



- Equipment Platforms
- Equipment Platform System Components
- Ice Canopies
- Power Telco Racks

Equipment Platforms

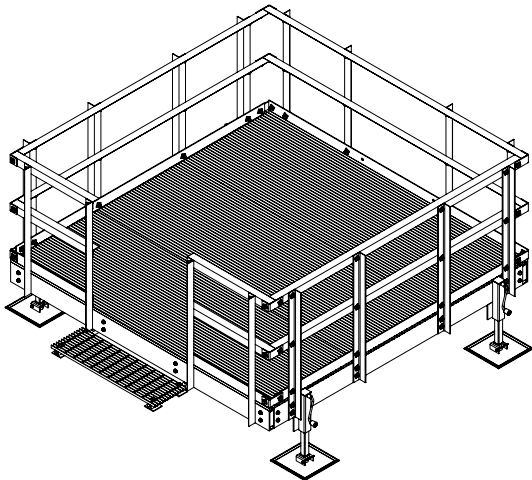
Better than expected and ahead of schedule

Why spend time and money pouring a concrete pad for your equipment platform when you don't have to? Equipment Platform solutions from CommScope provide rugged protection and design flexibility, while saving time and money during installation.

Equipment platform solutions

CommScope equipment platforms are delivered unassembled and erected on-site. They are designed to assemble quickly, easily and without the need for a cement pad. No permitting, no need for cement forms or rebar. No wasted time spent waiting for the pad to cure. Should cabling beneath the platform need to be moved, there is no need to dig up the pad and re-pour— simply re-route as needed.

The base equipment platform features grating, platform and all the hardware needed. A variety of options enable you to tailor the platform size, footings,



Channel size/load capacity

1	4C	4" Channel/3,500 lb loading
	6C	6" Channel/5,500 lb loading
	Blank	8" Channel/10,000 lb loading

Platform width (2 ft. increments, 26 ft. max.)

2	04	4 ft.
	08	8 ft. (Maximum width for 4" channel)
	20	20 ft. (Maximum width for 6" channel)
	26	26 ft. (Maximum width for 8" channel)

canopy type and more to the requirements of the job. Additional add-ons—like power telco racks, handrails, steps and climbing ladders—let you create a flexible platform solution that can adapt to the specific needs of each site as the network and site requirements evolve. All platform components and hardware are made of hot-dipped galvanized steel, so they can stand up to anything Mother Nature can dish out. Adjustable or weight-disbursement feet provide flexible options for setting the platform, and the elevated design enables you to route cables under the platform, keeping them accessible yet safe from ice and falling debris. This also allows for unimpeded access for future equipment changes, repairs or additions.

The bottom line? CommScope's Equipment Platform solutions enable you to significantly accelerate deployment and meet your most demanding schedules—all while lowering costs and maximizing productivity. In developing our Equipment Platform portfolio, CommScope has also made ordering simple and easy. Platforms, canopies, and accessories are ordered separately, so you can focus on one thing at a time.

Ordering information

Platforms

To specify your platform, start with the load capacity you need—that dictates the channel width of the platform's base. Next, select your width and length and, finally, the type of footings you want. That's it!

EQ-P

1	2	3	-	4
00	00	00		00

Platform width (2 ft. increments, 26 ft. max.)

3	04	4 ft.
	08	8 ft. (Maximum width for 4" channel)
	20	20 ft. (Maximum width for 6" channel)
	26	26 ft. (Maximum width for 8" channel)

Platform support

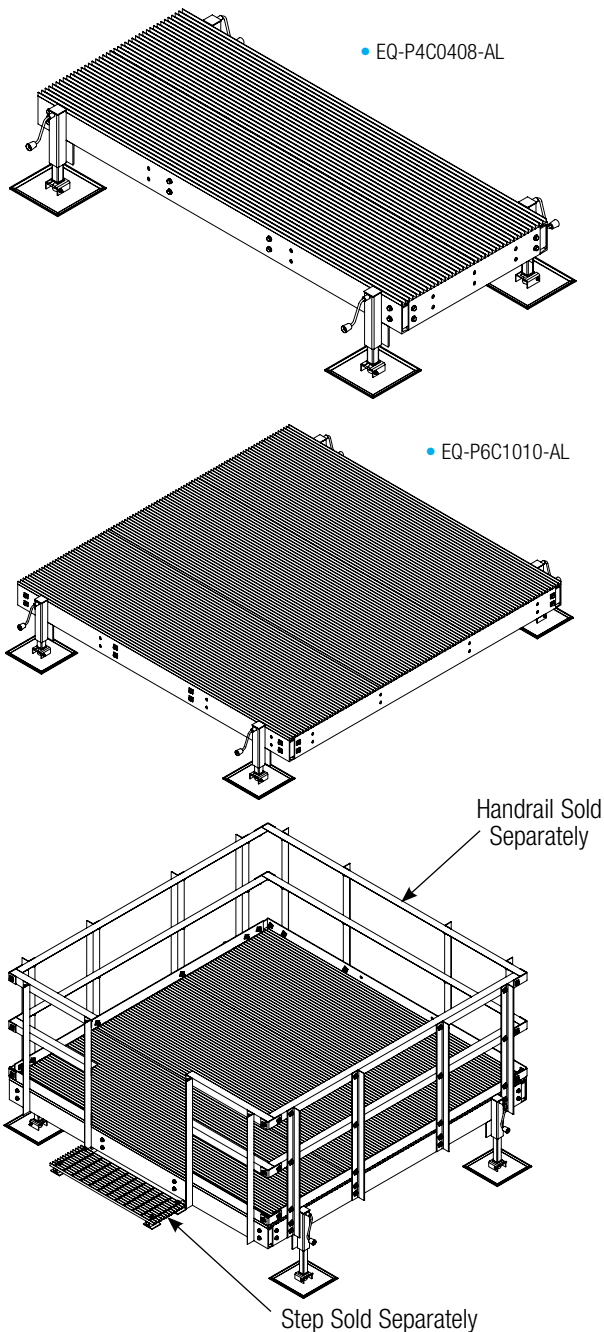
4	B	No feet, base platform only
	AL	Adjustable legs with side leg jack
	DF	Weight disbursement feet

Site Related Components

Equipment Platforms

4", 6" & 8" Channel Equipment Platforms-Example Configurations

Application: Equipment support
Design: Platforms with or without jackable legs
Feature: Easy-to-assemble, bolt-together design
Material: Hot dip galvanized steel
Includes: Frame, grating, hardware
Order Separately: Adjustable legs for base platforms



Part Number	Description	Weight, lb (kg)
Equipment Platform Bases, 4" Channel, Light Duty, for Up to 3500 lb (1587 kg) Loading		
EQ-P4C0404-B	4' x 4' (1.2 m x 1.2 m) Base Only	250 (113.4)
EQ-P4C0404-AL	4' x 4' (1.2 m x 1.2 m)	599.9 (272.1)
EQ-P4C0406-B	4' x 6' (1.2 m x 1.8 m) Base Only	325 (147.4)
EQ-P4C0406-AL	4' x 6' (1.2 m x 1.8 m)	675 (306.2)
EQ-P4C0408-B	4' x 8' (1.2 m x 2.4 m) Base Only	375 (170.1)
EQ-P4C0408-AL	4' x 8' (1.2 m x 2.4 m)	724.9 (328.8)

Note: More Sizes Available

Part Number	Description	Weight lb (kg)
Equipment Platform Bases, 6" (152.39 mm) Channel, Medium-Duty, for Up to 5500 lb (2495 kg) Loading		
EQ-P6C0810-B	8' x 10' (2.4 m x 3 m) Base Only	1050 (476.3)
EQ-P6C0810-AL	8' x 10' (2.4 m x 3 m)	1225 (555.7)
EQ-P6C0812-B	8' x 12' (2.4 m x 3.8 m) Base Only	1200 (544.4)
EQ-P6C0812-AL	8' x 12' (2.4 m x 3.8 m)	1375 (623.7)
EQ-P6C0814-B	8' x 14' (2.4 m x 4.4 m) Base Only	1475 (669.1)
EQ-P6C0814-AL	8' x 14' (2.4 m x 4.4 m)	1975 (895.9)
EQ-P6C0816-B	8' x 16' (2.4 m x 5 m) Base Only	1575 (714.5)
EQ-P6C0816-AL	8' x 16' (2.4 m x 5 m)	1900 (861.9)

Note: More Sizes Available

Part Number	Description	Weight, lb (kg)
Equipment Platform Bases, 8" (203.2 mm) Channel, Heavy Duty, for Up to 10,000 lb Loading		
EQ-P0810-B	8' x 10' (2.4 m x 3 m) Base Only	1225 (555.7)
EQ-P0810-AL	8' x 10' (2.4 m x 3 m)	1450 (658)
EQ-P0812-B	8' x 12' (2.4 m x 3.8 m) Base Only	1500 (680.4)
EQ-P0812-AL	8' x 12' (2.4 m x 3.8 m)	1850 (839.2)
EQ-P0814-B	8' x 14' (2.4 m x 4.4 m) Base Only	1700 (771.2)
EQ-P0814-AL	8' x 14' (2.4 m x 4.4 m)	2050 (930)
EQ-P0816-B	8' x 16' (2.4 m x 5 m) Base Only	1875 (850.5)
EQ-P0816-AL	8' x 16' (2.4 m x 5 m)	2200 (998)

Note: More Sizes Available

Site Related Components

Equipment Platforms

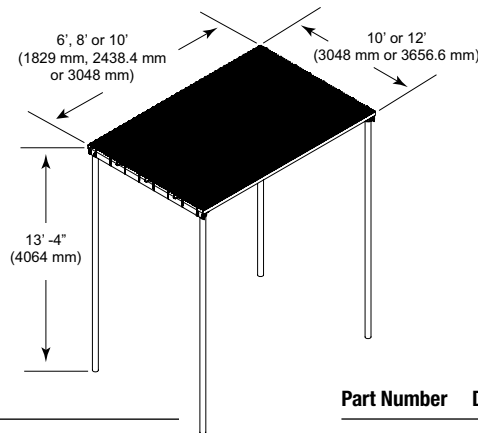
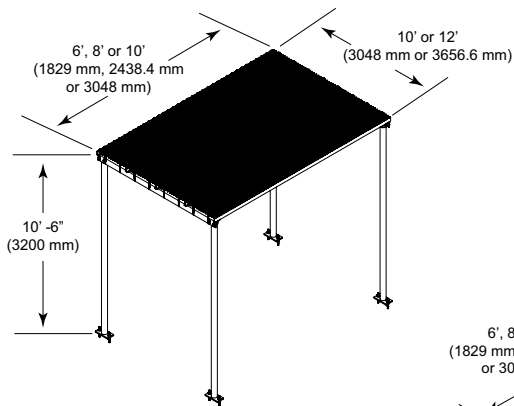
Ice canopy

Specifying the right ice canopy is even easier. Use the format below to tell us the length and width you need and the type of footing you prefer. You're done.

IC-

1	2	-	3
00	00		00

Application: Site related
Design: Burial or base shoe design with grip strut
Feature: Burial or base shoe
Material: Hot dip galvanized steel
Includes: Posts, grips strut, mounting hardware



Canopy length

1	06	6 ft.
	08	8 ft.
	10	10 ft.

Canopy width

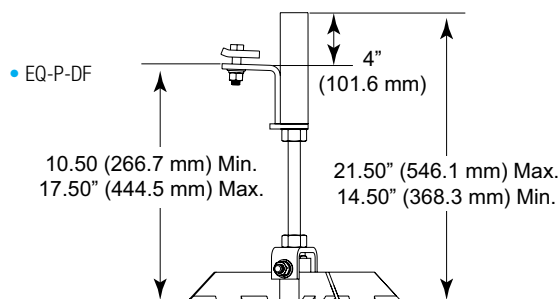
2	10	10 ft.
	12	12 ft.

Canopy footing

3	B	Direct burial posts, 13 ft. 4 in. tall
	S	Base shoe pipes 10.5 ft. tall

Equipment Platform Legs

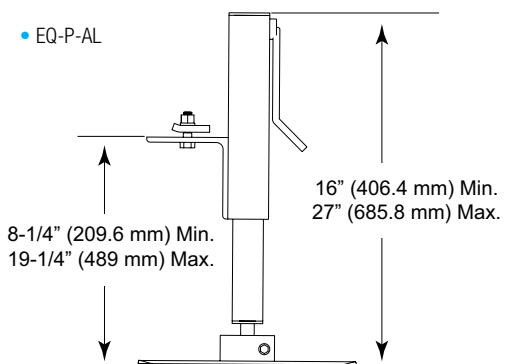
Application: Base equipment platforms
Design: Vertical adjustability
Feature: Raw land or roof-top
Mounts to: Equipment platforms
Material: Hot dip galvanized steel
Includes: Legs, hardware
Order Separately: Equipment platform bases



Part Number	Description	Weight, lb (kg)
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Equipment Platform Feet

EQ-P-AL	Adjustable Leg for Equipment Platform for Raw Land Installations	45 (20.41)
EQ-P-DF	Weight Dispersement Leg for Equipment Platforms	38 (17.24)



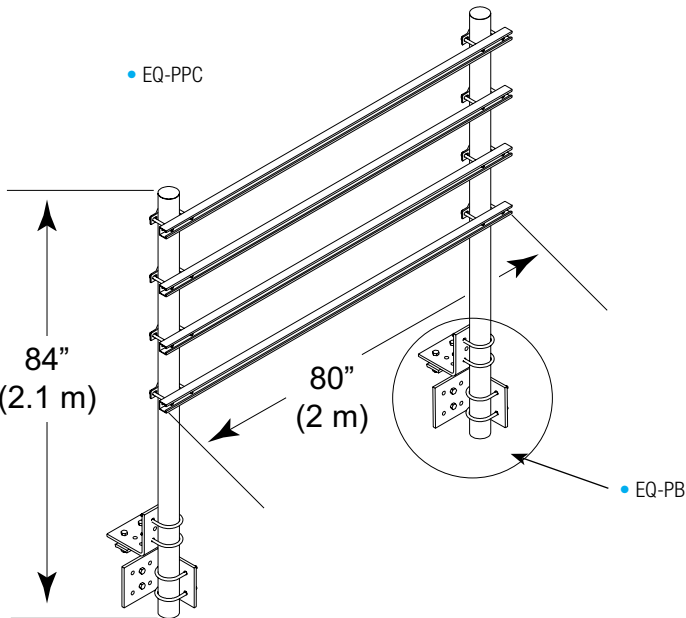
Site Related Components

Equipment Platforms

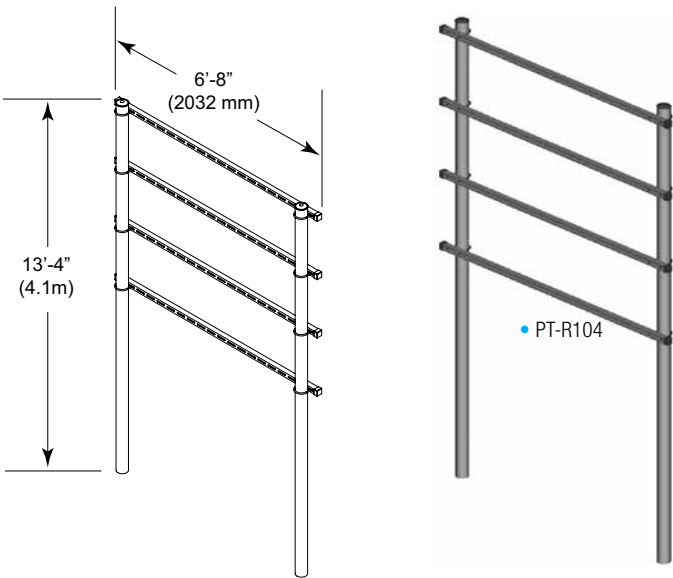
Power Telco Racks

Application:	Rack for mounting telco racks
Size:	13'-4" (4.1 m) Posts
Design:	Two posts, unistrut
Feature:	Burial posts
Material:	Hot dip galvanized steel
Includes:	Posts, horizontal struts, mounting hardware

Easy to install power telco H-frame racks enable you to quickly adapt any equipment platform to support additional equipment. two-, three- and four rung models allow you to customize each platform based on the equipment needed. All power telco racks are made of hot-dipped galvanized steel and feature a sturdy two-post, unistrut design. Burial posts provide vertical stability and rugged mounts secure the rack to the platform.



Part Number	Description	Weight, lb (kg)
Telco Racks With 13'-4" (4.1 m) Burial Posts and 80" (2 m) Horizontal Rails		
PT-R102	Power Telco Rack, Two 80" (2 m) Rungs, 13'-4" (4.1 m) Burial Posts	135 (62.0)
PT-R103	Power Telco Rack, Three 80" (2 m) Rungs, 13'-4" (4.1 m) Burial Posts	150 (68.0)
PT-R104	Power Telco Rack, Four 80" (2 m) Rungs, 13'-4" (4.1 m) Burial Posts	165 (75.0)



Part Number	Description	Wt lb (kg)
Power Telco Rack Kit for EQ-P Series Platforms		
EQ-PPC	Two Post Power Telco Rack Kit for EQ-P Series Platforms. Includes Brackets.	262 (118.9)
Post Bracket Kit for Waveguide Bridge Attachment to EQ-P Series Platforms		
EQ-PB	Mounts 3-1/2" (88.9 mm) OD Pipe	715 (324.3)

Site Related Components

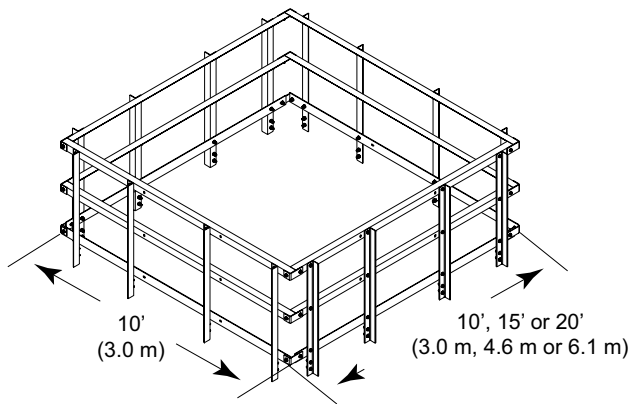
Equipment Platforms

Handrail Kits

Easy to assemble with a quick bolt-on design, handrail kits are designed to fit any platform size.

Components

Application:	Platform support components
Size:	Multiple versions, multiple sizes
Feature:	Easy-to-assemble, bolt-together designs
Mounts to:	EQ series platform bases
Material:	Hot dip galvanized steel
Order Separately:	Platform base



Step Kits

Hot-dipped galvanized steel step kits range from one to six steps to provide safe and easy access for elevated platforms.

Application:	Platform support components
Size:	Multiple versions, multiple sizes
Feature:	Easy-to-assemble, bolt-together designs
Mounts to:	EQ series platform bases
Material:	Hot dip galvanized steel
Order Separately:	Platform base

Custom Designs

Don't see a configuration that meets your needs? CommScope also offers custom designs that can meet even the most challenging site requirements.

Contact your local CommScope representative or: steelproducts@commscope.com for more information.

Part Number	Description	Weight, lb (kg)
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Handrail Kit for EQ-P Series Platforms

EQ-HR1010	For 10' x 10' (3 m x 3 m) Platform	742 (336.6)
EQ-HR1015	For 10' x 15' (3 m x 4.6 m) Platform	886 (401.9)
EQ-HR1020	For 10' x 20' (3 m x 6.1 m) Platform	1066 (483.6)

Ladder for EQ-P Series Platforms

EQ-LD	Climbing Ladder for EQ-P Series Platforms	65 (29.5)
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Platform width/length

1	Enter Platform Width
2	Enter Platform Length

Part Number	Description	Weight, lb (kg)
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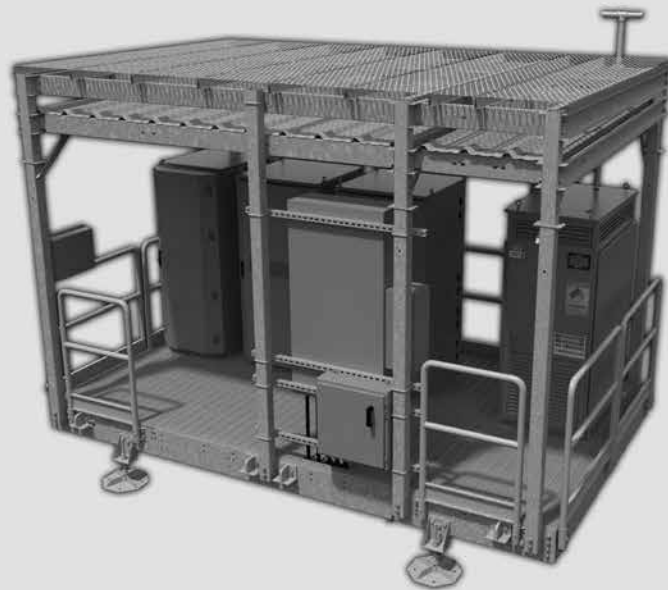
Step Kits for EQ-P Series Platforms

EQ-STS	Single Platform Step for EQ-P Series Platforms	78 (53.4)
EQ-STEP-2	Double Step Kit for EQ-P Series Platforms	225 (102.1)
EQ-STEP-3	Triple Step Kit for EQ-P Series Platforms	275 (124.8)
EQ-STEP-4	Four Step Kit for EQ-P Series Platforms	375 (170.1)
EQ-STEP-5	Five Step Kit for EQ-P Series Platforms	425 (192.8)
EQ-STEP-6	Six Step Kit for EQ-P Series Platforms	925 (419.6)

Ladder for EQ-P Series Platforms

EQ-LD	Climbing Ladder for EQ-P Series Platforms	65 (29.5)
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- Assembled
- Integrated
- Tested
- Delivered

Integrated Platform Deployment Solutions

The Integrated Platform Deployment Solution: Avoid Expensive, Slow Site Deployments

Traditional site construction involves excavation, soil removal, forming, pouring concrete, stripping, grounding, conduit, rebar, permitting and inspections, and then waiting for concrete to cure—all before you can set the shelter or integrate the equipment on concrete. After all that, there are the ongoing shelter expenses of climate control and maintenance, year after year. Fortunately, there's a better way.

A Fully Assembled and Tested Bottom-of-the-Tower Solution That Cuts Deployment Time and Cost

The CommScope Integrated Platform Deployment Solution (IPDS) not only helps you escape the shelter cost trap, but also the onsite installation time trap. Factory integration utilizes the best CommScope has to offer in terms of quality and reliability—providing a tested, worry-free solution for years to come. IPDS delivers a turn-up-ready equipment base that is fully factory integrated and can be off the truck, installed and turned up in as little as four hours.

As much or as little as you need

CommScope's IPDS can be ordered with a wide array of options, ranging from cabinets and generators to telco and load centers. Because CommScope manufactures the platform and most of these components, only CommScope has the unique expertise to deliver a complete solution—one that comes fully factory assembled and tested.

Save time, save money

IPDS arrives as a single unit and installs as a single unit, going from the truck to turn-up in hours instead of weeks. It simplifies installations, standardizes configurations, speeds up deployments, and, most of all, reduces both CapEx and OpEx.

What does it take to deploy a shelter or build a concrete pad on-site?

- **Clearing the Existing Surface**
- **Digging Footing and Foundation**
- **Electrical Grounding**
- **Install Rebar**
- **Plumbing Conduit**
- **Passing Inspections**
- **Waiting for Concrete to Cure**

Integrated Equipment Platforms are available in multiple configurations which include up to four equipment cabinets – with or without a generator. IPDS simplifies installations, standardizes configurations, and speeds up deployments. Elevated (ESP) and Ground Level Steel (GLSP) IPDS configurations are also offered unassembled.



Integrated Solutions

Only CommScope Offers Such a Complete Solution

The biggest value in CommScope's IPDS is CommScope's broad expertise and extensive solutions portfolio. No one else can provide such a comprehensive, customized bottom-of-the-tower option because no one else engineers total solutions like CommScope can.

CommScope Cable & Accessories:

Fiber Cable
Grounding Lugs & Bars
Cable Entry Kits

CommScope Cabinets:

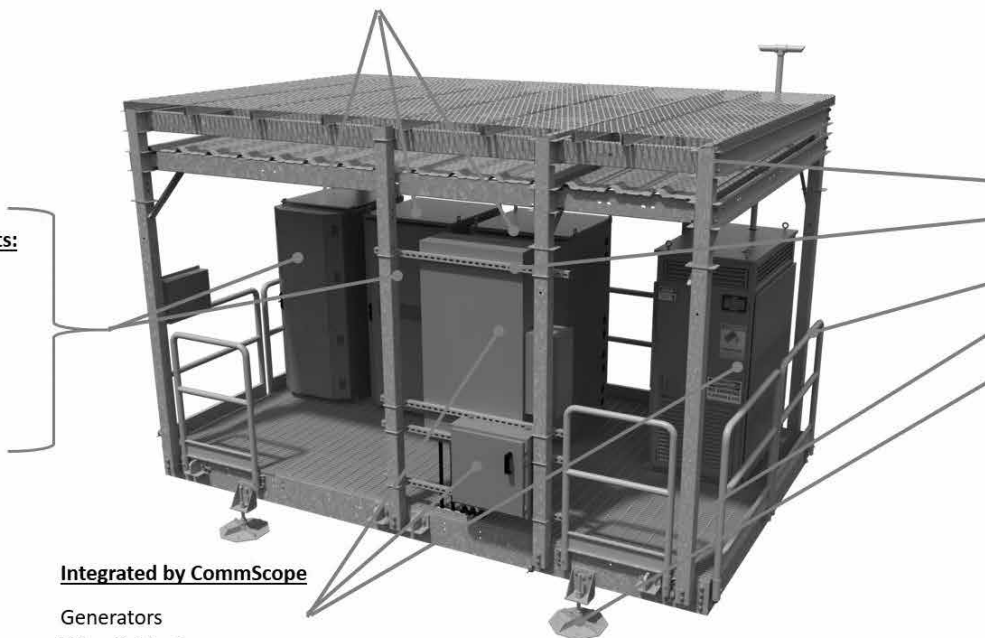
Battery Cabinets
Equipment Cabinets
Rectifiers

CommScope Equipment Platforms:

Canopies & Ice Shields
H-Frames
Handrails
Platform Base
Footing Supports

Integrated by CommScope

Generators
Telco Cabinets
Integrated Load Centers (ILCs)



Description	Number of Cabinets	Platform Size	Assembled Part Number	Un-Assembled Part Number
Ground Level Steel Platforms (GLSP)				
With Generator	2	9' 4" X 13'	VZWA-9-4X13-GLSP-2	VZWU-9-4X13-GLSP-2
	3	9' 4" X 16'	VZWA-9-4X16-GLSP-3	VZWU-9-4X16-GLSP-3
	4	9' 4" X 20'	VZWA-9-4X20-GLSP-4	VZWU-9-4X20-GLSP-4
Without Generator	2	9' 4" X 8'	VZWA-9-4X8-GLSP-2	VZWU-9-4X8-GLSP-2
	3	9' 4" X 11'	VZWA-9-4X11-GLSP-3	VZWU-9-4X11-GLSP-3
	4	9' 4" X 14'	VZWA-9-4X14-GLSP-4	VZWU-9-4X14-GLSP-4
Elevated Steel Platform (ESP)				
With Generator	2	11' 6" X 16'	VZWA-11-6X16-ESP-2	VZWU-11-6X16_ESP-2
	3	11' 6" X 20'	VZWA-11-6X20-ESP-3	VZWU-11-6X20-ESP-3
	4	11' 6" X 22'	VZWA-11-6X22-ESP-4	VZWU-11-6X22-ESP-4
Without Generator	3	11' 6" X 14'	VZWA-11-6X14-ESP-3	VZWU-11-6X14-ESP-3
	4	11' 6" X 16'	VZWA-11-6X16-ESP-4	VZWI-11-6X16-ESP-4
Ground Level Concrete Skids (GLCS)				
With Generator	2	9' 4" X 13'	VZWA-9-4X 13-GLCS-2	N/A
	3	9' 4" X 16'	VZWA-9-4X 16-GLCS-3	N/A
	4	9' 4" X 20'	VZWA- 9-4X 20-GLCS-4	N/A
Without Generator	2	9' 4" X 8'	VZWA- 9-4X 8-GLCS-2	N/A
	3	9' 4" X 11'	VZWA- 9-4X 11-GLCS-3	N/A
	4	9' 4" X 14'	VZWA- 9-4X 14-GLCS-4	N/A

The Bottom Line: Less Wait, Less Cost

The IPDS is engineered to reduce CapEx and OpEx by ensuring new site builds include repeatable processes, simplified installations, faster deployments, and greatly reduced operating costs. For a fast-growing network, there's no better way to gain that critical edge—and, for faster site deployments, there's no better option than IPDS. Contact your CommScope representative today to learn more about the Integrated Platform Deployment Solution.



Pipe Dimensions

Pipe Size	OD (Inches)	OD (mm)
1/2"	0.84	21.34
3/4"	1.05	26.67
1"	1.32	33.40
1-1/4"	1.66	42.16
1-1/2"	1.90	48.26
2"	2.38	60.33
2-1/2"	2.88	73.03
3"	3.50	88.90
3-1/2"	4.00	101.60
4"	4.50	114.30
5"	5.56	141.30
6"	6.63	168.30
8"	8.63	219.08



Steel Thicknesses

Gage	Thickness (Inches)	Thickness (mm)
10	0.1345	3.416
11	0.1196	3.038
12	0.1046	2.657
13	0.0897	2.278
14	0.0747	1.897
15	0.0673	1.709
16	0.0598	1.519



AWG Wire Sizes

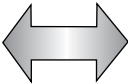
AWG Size	Stranded, OD (overall)		Solid, OD	
	Inch	Millimeter	Inch	Millimeter
4/0	0.528	13.41	0.460	11.68
2/0	0.419	10.64	0.409	10.39
1/0	0.373	9.47	0.324	8.23
2	0.292	7.42	0.257	6.53
4	0.232	5.88	0.204	5.18
6	0.184	4.66	0.162	4.11
8	0.146	3.70	0.128	3.25
10	0.116	2.94	0.102	2.59



Fraction/Decimal/Metric Chart

Inches Fraction	Inches Decimal	Millimeters
1/16	0.0625	1.6
1/8	0.1250	3.2
3/16	0.1875	4.8
1/4	0.2500	6.4
5/16	0.3125	7.9
3/8	0.3750	9.5
7/16	0.4375	11.1
1/2	0.5000	12.7
9/16	0.5625	14.3
5/8	0.6250	15.9
11/16	0.6875	17.5
3/4	0.7500	19.1
13/16	0.8125	20.6
7/8	0.8750	22.2
15/16	0.9375	23.8
1	1.0000	25.4

NOTE: Not applicable to coaxial cables



Conversion Factors

Convert From	Convert To	Multiply By
Length		
foot (ft)	meter (m)	0.3048
inch (in)	meter (m)	0.0254
inch (in)	centimeter (cm)	2.5400
meter (m)	foot (ft)	3.2808
meter (m)	inch (in)	39.3700
centimeter (cm)	inch (in)	0.3937
millimeter (mm)	inch (in)	0.0393
Area		
square foot (ft²)	square meter (m²)	0.0929
square meter (m²)	square foot (ft²)	10.7639
Circle		
radius	diameter	2.0000
diameter	radius	0.5000
diameter	circumference	3.1416
radius	circumference	6.2832
Weight		
pound (lb)	kilogram (kg)	0.4536
kilogram (kg)	pound (lb)	2.2046



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