



COMMScope®

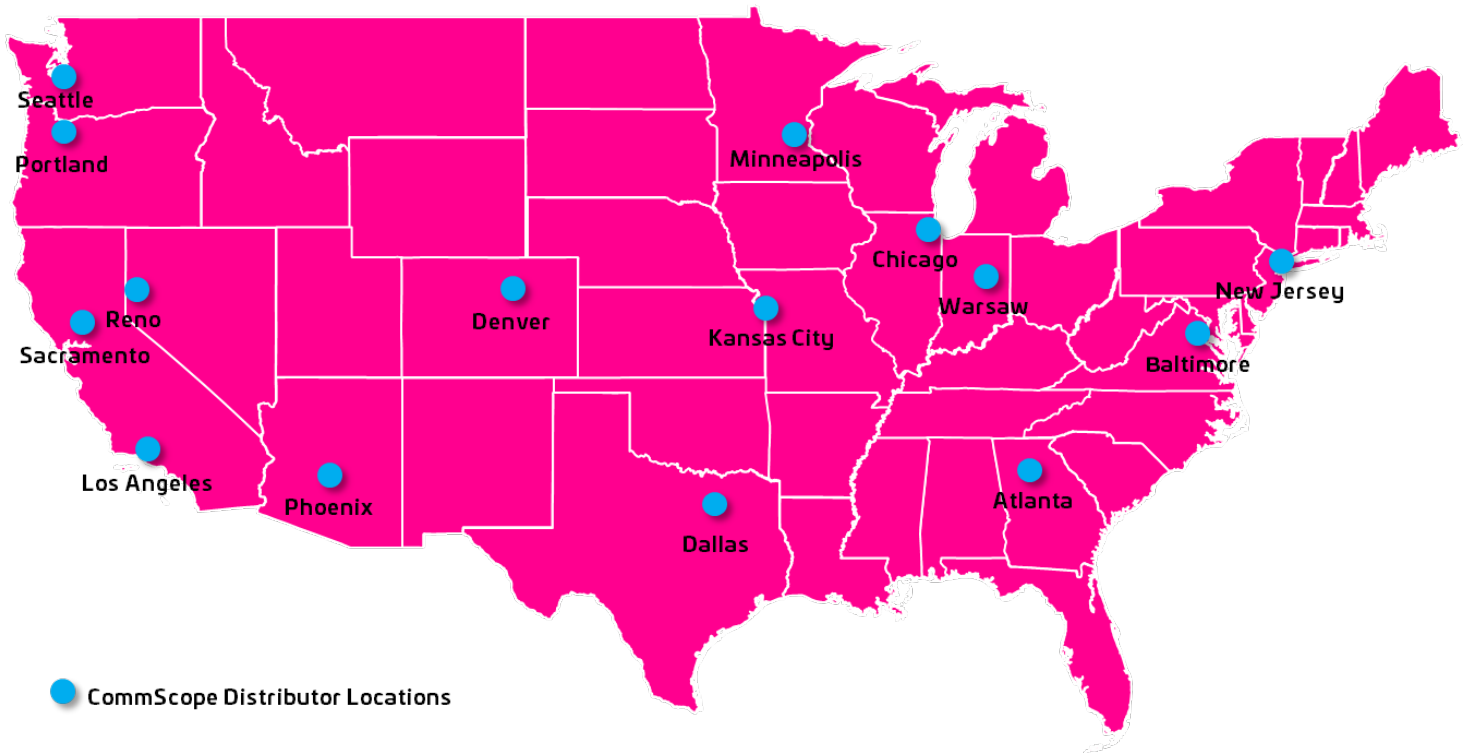
Verizon Ordering Guide

Structural Support Solutions

April – 2021

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Verizon Ordering Guide

Structural Support Solutions

CommScope provides structural support solutions that deliver stability, durability, and precision for the most important networks in the world. Our premium structural support solutions reinforce your structure and optimize antenna performance. As a result, these solutions help you realize significant, long-term OpEx savings.

Our support systems are suited to be used on virtually any kind of tower, monopole, roof top structure or water tower. Each solution is engineered to meet or exceed the latest EIA/TIA code requirements and conform to both ISO-9001 standards and AISC specifications. This proven excellence enables network operators to:

- Minimize or eliminate antenna misalignment
- Utilize available spectrum more efficiently
- Improve RF path integrity and overall network performance
- Increase throughput and quality of service, reducing dropped calls
- Mitigate customer churn and total cost of ownership

Because our components are engineered and manufactured to the highest standards and most exact specifications, you can rest assured they've been designed to fit snugly on your tower and fabricated to withstand the harshest elements. Whether you need additional U-bolts for your mount, or struts and brackets for your microwave, pipe or stand-off mounts, we deliver the most durable mounting components to keep your antenna properly aligned.

Products Outline

Monopole Platforms
Tower Applications
Monopole Applications
Modifications
Roof Top



VZWSmart Monopole

Ordering Information



VZWSmart Meets TIA 5053 Standards		
Monopole Platform		
Handrail kit with adjustable corner brace and 150" antenna pipes	2-7/8" X 150" Antenna Pipes	VZWSMART-PLK1
Handrail corner brace kit	2-7/8" Pipe Connector No Antenna Pipes	VZWSMART-PLK2
Hand-rail Corner bracing Kit to support one corner (Angle Braces Not Included)	2-7/8" U-Bolt No Antenna Pipes	VZWSMART-PLK3
Kicker Support Arm, 0.187"x 3 x 3 x 96 angle with connecting brackets and hardware (One (1) Arm ONLY)	Not Applicable	VZWSMART-PLK5
Monopole collar mount assembly include: Ring Mount, 12" to 45" Monopole Diameter	Not Applicable	VZWSMART-PLK7
Hand-Rail Reinforcement Kit, Vertical, One Sector Only	Not Applicable	VZWSMART-PLK8

VZWSmart Tower Pole

Ordering Information



Description	Pipes Included	CommScope Part Number
VZWSmart Meets		TIA 5053 Standards
Monopole Platform		
Stiff arm kit	2-7/8" X 150" Antenna Pipes	VZWSMART-SFK1
V-Stabilizer 1-8" Saddle, Dual Pivoting Angle Arms, 96" long	Not Applicable	VZWSMART-SFK3
Support rail bracing kit and t-arm kit, 3' x 3' x 72" square tube	Not Applicable	VZWSMART-SFK4

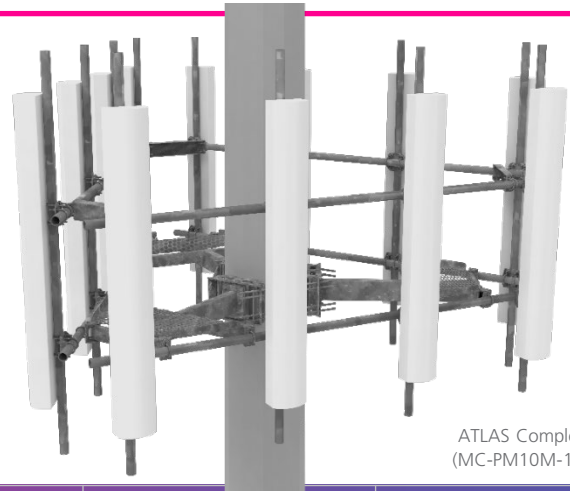
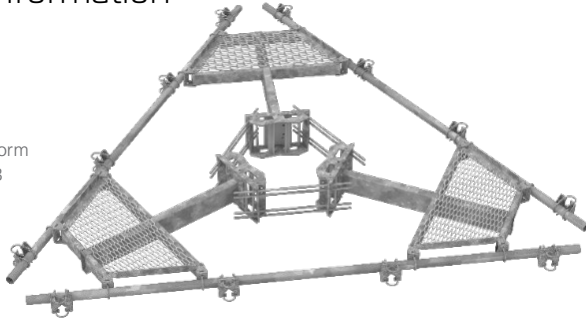
VZWSmart Tower Pole
Ordering Information



Description	Pipes Included	CommScope Part Number
VZWSmart Meets		TIA 5053 Standards
Monopole Platform		
Stiff arm kit	2-7/8" X 150" Antenna Pipes	VZWSMART-SFK1
V-Stabilizer 1-8" Saddle, Dual Pivoting Angle Arms, 96" long	Not Applicable	VZWSMART-SFK3
Support rail bracing kit and t-arm kit, 3' x 3' x 72" square tube	Not Applicable	VZWSMART-SFK4

Atlas Monopole Platform Ordering Information

ATLAS Base Platform
MC-PM10M-B



ATLAS Complete Kit
(MC-PM10M-12-126)

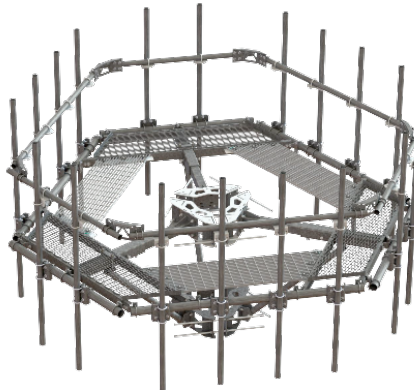
Description	Face Width	Pipes Included	CommScope Part Number
Atlas Ultra Heavy Loading (available in 12"-45" dia mounting)			Meets TIA 5053 Standard
Platform Base ONLY - No Handrail. No Antenna	10' Face Width	None	MC-PM10M-B
Platform with top rail – No Antenna			MC-PM10M-BC
Platform with twelve (12) 96" antenna pipes			MC-PM10M-12-96
Platform, with twelve (12) 96" antenna pipes and hand-rail assembly		(12) 2-7/8" OD X 96" Antenna Pipe	MC-PM10M-12C-96
Complete Kit: Platform, twelve (12) 126" antenna pipes		(12) 2-7/8" OD X 126" Antenna Pipe	MC-PM10M-12-126
Complete Kit: Platform, twelve (12) 126" antenna pipes and hand-rail assembly			MC-PM10M-12C-126
Platform Base ONLY	12' Face Width	None	MC-PM12M-B
Platform with top rail			MC-PM12M-BC
Platform with twelve (12) 96" antenna pipes		(12) 2-7/8" OD X 96" Antenna Pipe	MC-PM12M-12-96
Platform, with twelve (12) 96" antenna pipes and hand-rail assembly			MC-PM12M-12C-96
Complete Kit: Platform, twelve (12) 126" antenna pipes		(12) 2-7/8" OD X 126" Antenna Pipe	MC-PM12M-12-126
Complete Kit: Platform, twelve (12) 126" antenna pipes and hand-rail assembly			MC-PM12M-12C-126
Platform Base ONLY	14' Face Width	None	MC-PM14M-B
Platform with top rail			MC-PM14M-BC
Platform with 96" antenna pipes		(12) 2-7/8" OD X 96" Antenna Pipe	MC-PM14M-12-96
Platform, twelve (12) 96" antenna pipes and hand-rail assembly			MC-PM14M-12C-96
Complete Kit: Platform, with twelve (12) 126" antenna pipes		(12) 2-7/8" OD X 126" Antenna Pipe	MC-PM14M-12-126
Complete Kit: Platform, with twelve (12) 126" antenna pipes and hand-rail assembly			MC-PM14M-12C-126

Multi-Sector Monopole Platform Kits

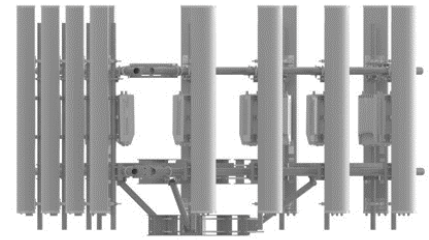
Ordering Information



4-Sector Platform Kit Medium Capacity
(MC-PK12L4-B)



6-Sector Platform Kit High Capacity
(MTC3984)



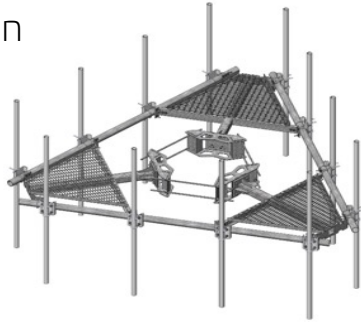
MC-HP Series High Capacity Co-Location Platform
(MTC3984)

Description	Face Width	Pipes Included	CommScope Part Number
Multi-Sector Monopole Platform			Meets TIA 5053 Standards
3-Sector Includes: Platform and hand-rail assembly (also available in S (10"-30") & L (30"-60") mounting diameters)			
3-Sector High Capacity Monopole Platform			
Platform Base Only	12' Face Width	None	MC-HP12M-B
Platform with 96" antenna pipes		(12) 2-2/5" OD X 96" Antenna Pipe	MC-HP12M-12-96
Platform with 126' antenna pipes		(12) 2-2/5" OD X 126" Antenna Pipe	MC-HP12M-12-126
Platform Base Only	14' Face Width	None	MC-HP14M-B
Platform with 96" antenna pipes		(12) 2-2/5" OD X 96" Antenna Pipe	MC-HP14M-12-96
Platform with 126' antenna pipes		(12) 2-2/5" OD X 126" Antenna Pipe	MC-HP14M-12-126
4-Sector Monopole Platform			
Base Platform Only	12' Face Width	None	MC-PM14M-B
6-Sector Monopole Platform			
Base Platform Only	(3) 6' Face Width	(18) 2-2/5" OD x 96" Antenna Pipe	MTC3984
	(3) 8' Face Width		

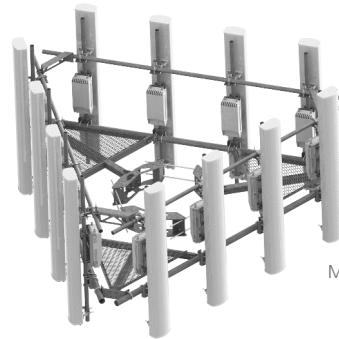
Multi-Sector Monopole Platform Kits

Ordering Information

MC-PK Series Low Profile
Co-Location Platform
MC-PM10M-B



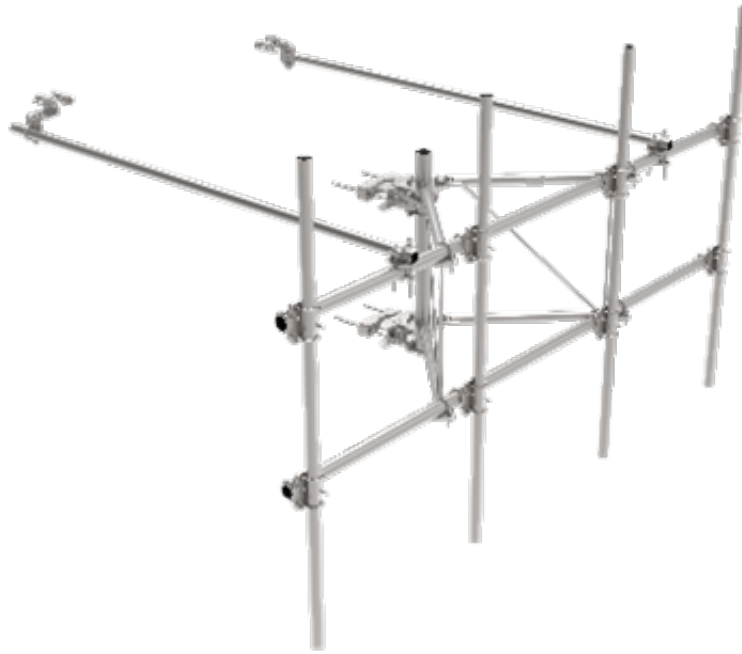
MC-CP Series Medium Capacity
Co-Location Platform
(MC-PM10M-12-126)



Description	Face Width	Pipes Included	CommScope Part Number
Multi-Sector Monopole Platform		Meets TIA 5053 Standards	
3-Sector Includes: Platform and hand-rail assembly (also available in S (10"-30") & L (30"-60") mounting diameters)			
3-Sector Low-Profile Monopole Platform			
Platform Base Only	8' Face Width	None	MC-PK8-B
Platform with 72" antenna pipes		(9) 3-1/2" OD x 72" Antenna Pipe	MC-PK8-C
Platform Base Only	12' Face Width	None	MC-PK12M-12-B
Platform with 96" antenna pipes		(12) 2-2/5" OD X 96" Antenna Pipe	MC-PK12M-12-96
Platform with 126" antenna pipes		(12) 2-2/5" OD X 126" Antenna Pipe	MC-PK12M-12-126
Platform Base Only	14' Face Width	None	MC-PK14M-B
Platform with 96" antenna pipes		(14) 2-2/5" OD X 96" Antenna Pipe	MC-PK14M-12-96
Platform with 126" antenna pipes		(14) 2-2/5" OD X 126" Antenna Pipe	MC-PK14M-12-126
3-Sector Medium Capacity Monopole Platform			
Platform Base Only	12' Face Width	None	MC-CP12M-B
Platform with 96" antenna pipes		(12) 2-2/5" OD X 96" Antenna Pipe	MC-CP12M-12-96
Platform with 126" antenna pipes		(12) 2-2/5" OD X 126" Antenna Pipe	MC-CP12M-12-126
Platform Base Only	14' Face Width	None	MC-CP14M-B
Platform with 96" antenna pipes		(14) 2-2/5" OD X 96" Antenna Pipe	MC-CP14M-12-96
Platform with 126" antenna pipes		(12) 2-2/5" OD X 126" Antenna Pipe	MC-CP12M-12-126

SFG22 Tower Applications

Ordering Information

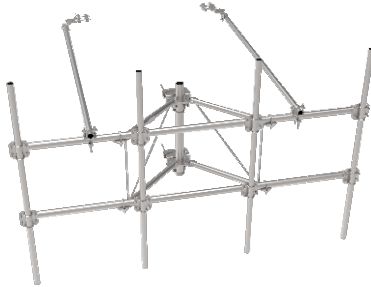


SFG22 Sector Frame
(SFG22-10-4-126)

Description	Face Width	Pipes Included	CommScope Part Number
SFG22 Series (Standard Capacity Frame)			Meets TIA 5053 Standards
Standard Capacity Sector Frame Four (4) 126" Antenna Pipes Two (2) Tiebacks	10' Face Width	(4) 2-3/8" OD X 126" Antenna Pipe	SFG22-10-4-126
Standard Capacity Sector Frame Four (4) 126" Antenna Pipes One (1) Tiebacks		(4) 2-3/8" OD X 126" Antenna Pipe	SFG22-10-4-126
Standard Capacity Sector Frame Four (4) 126" Antenna Pipes Two (2) Tiebacks	12' Face Width	(4) 2-3/8" OD X 126" Antenna Pipe	SFG22-12-4-126
Standard Capacity Sector Frame Four (4) 126" Antenna Pipes One (1) Tiebacks		(4) 2-3/8" OD X 126" Antenna Pipe	SFG22-12-4-126
Standard Capacity Heavy Duty Sector Frame Four (4) 96" Antenna Pipes	14' Face Width	(4) 2-3/8" OD X 126" Antenna Pipe	SFG22-14-4-126
Standard Capacity Heavy Duty Sector Frame Four (4) 96" Antenna Pipes		(4) 2-3/8" OD X 126" Antenna Pipe	SFG22-14-4-126

SFG22HD Tower Applications

Ordering Information



SFG22HD Sector Frame
(SFG22HD10-4-96)

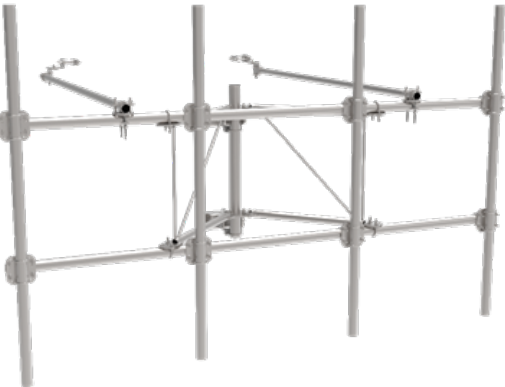


SFG22 Sector Frame
(SFG22HD-12-4-126)

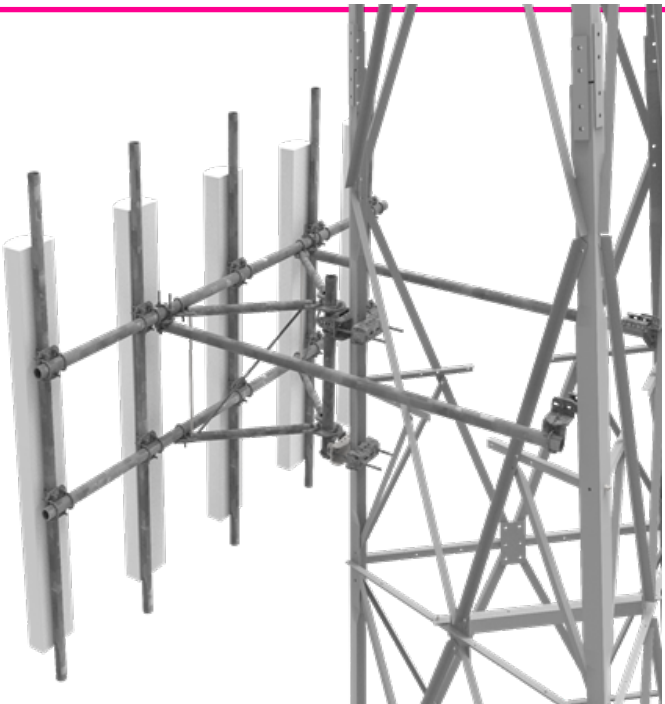
Description	Face Width	Pipes Included	CommScope Part Number
SFG22HD Series (Heavy Duty Capacity Frame)			Meets TIA 5053 Standards
Heavy Duty Capacity Sector Frame ONLY	10' Face Width	None	SFG22HD10-B
Heavy Duty Capacity Sector Frame Four (4) 96" Antenna Pipes		(4) 2-3/8" or 2-7/8" OD X 96" Antenna Pipe	SFG22HD10-4-96
Heavy Duty Capacity Sector Frame Four (4) 96" Antenna Pipes		(4) 2-3/8" or 2-7/8" OD X 126" Antenna Pipe	SFG22HD10-4-126
Heavy Duty Capacity Sector Frame Five (5) 96" Antenna Pipes		(5) 2-3/8" or 2-7/8" OD X 96" Antenna Pipe	SFG22HD10-5-96
Heavy Duty Capacity Sector Frame Five (5) 96" Antenna Pipes		(5) 2-3/8" or 2-7/8" OD X 126" Antenna Pipe	SFG22HD10-5-126
Heavy Duty Capacity Sector Frame ONLY	12' Face Width	None	SFG22HD12-B
Heavy Duty Capacity Sector Frame Four (4) 96" Antenna Pipes		(4) 2-3/8" or 2-7/8" OD X 96" Antenna Pipe	SFG22HD12-4-96
Heavy Duty Capacity Sector Frame Four (4) 96" Antenna Pipes		(4) 2-3/8" or 2-7/8" OD X 126" Antenna Pipe	SFG22HD12-4-126
Heavy Duty Capacity Sector Frame Five (5) 96" Antenna Pipes		(5) 2-3/8" or 2-7/8" OD X 96" Antenna Pipe	SFG22HD12-5-96
Heavy Duty Capacity Sector Frame Five (5) 96" Antenna Pipes		(5) 2-3/8" or 2-7/8" OD X 126" Antenna Pipe	SFG22HD12-5-126
Heavy Duty Capacity Sector Frame ONLY	14' Face Width	None	SFG22HD14-B
Heavy Duty Capacity Sector Frame Four (4) 96" Antenna Pipes		(4) 2-3/8" or 2-7/8" OD X 96" Antenna Pipe	SFG22HD14-4-96
Heavy Duty Capacity Sector Frame Four (4) 96" Antenna Pipes		(4) 2-3/8" or 2-7/8" OD X 126" Antenna Pipe	SFG22HD14-4-126
Heavy Duty Capacity Sector Frame Five (5) 96" Antenna Pipes		(5) 2-3/8" or 2-7/8" OD X 96" Antenna Pipe	SFG22HD14-5-96
Heavy Duty Capacity Sector Frame Five (5) 96" Antenna Pipes		(5) 2-3/8" or 2-7/8" OD X 126" Antenna Pipe	SFG22HD14-5-126

SFG22HDX Tower Applications

Ordering Information



SFG22HDX Sector Frame
(SFG22HDX12-4-120)

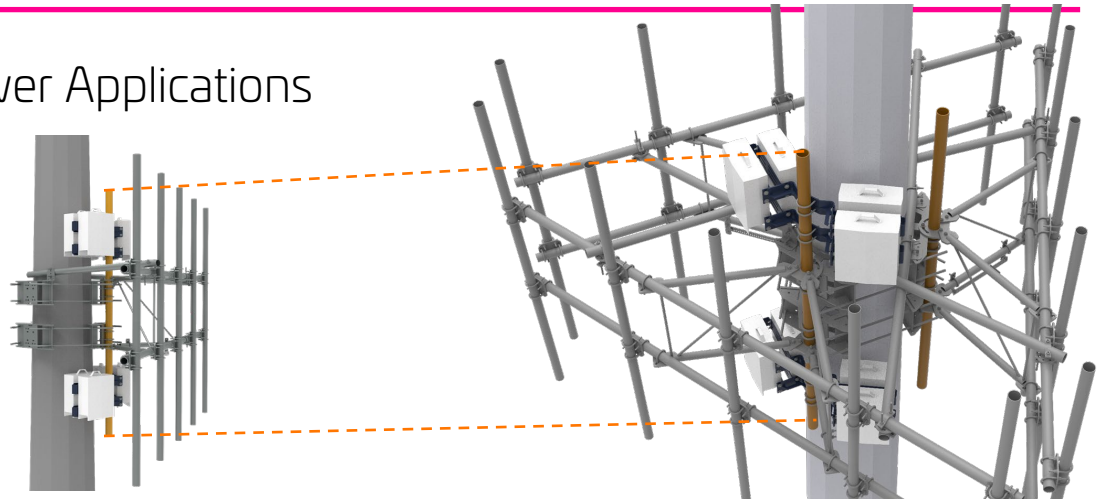


Description	Face Width	Pipes Included	CommScope Part Number
SFG22HDX Series (Heavy Duty Xtreme Capacity Frame)			Meets TIA 5053 Standards
Heavy Duty Xtreme High Capacity 3-Sector Monopole Frame Four (4) 120" Antenna Pipes	12' Face Width	(4) 2-7/8" OD X 120" Antenna Pipe	SFG22HDX12-4-120
Heavy Duty Xtreme High Capacity 3-Sector Monopole Frame Five (5) 120" Antenna Pipes		(5) 2-7/8" OD X 120" Antenna Pipe	SFG22HDX12-5-120
Heavy Duty Xtreme High Capacity 3-Sector Monopole Frame Four (4) 120" Antenna Pipes	14' Face Width	(4) 2-7/8" OD X 120" Antenna Pipe	SFG22HDX14-4-120
Heavy Duty Xtreme High Capacity 3-Sector Monopole Frame Five (5) 120" Antenna Pipes		(5) 2-7/8" OD X 120" Antenna Pipe	SFG22HDX14-5-120

SFG23RHDX Tower Applications

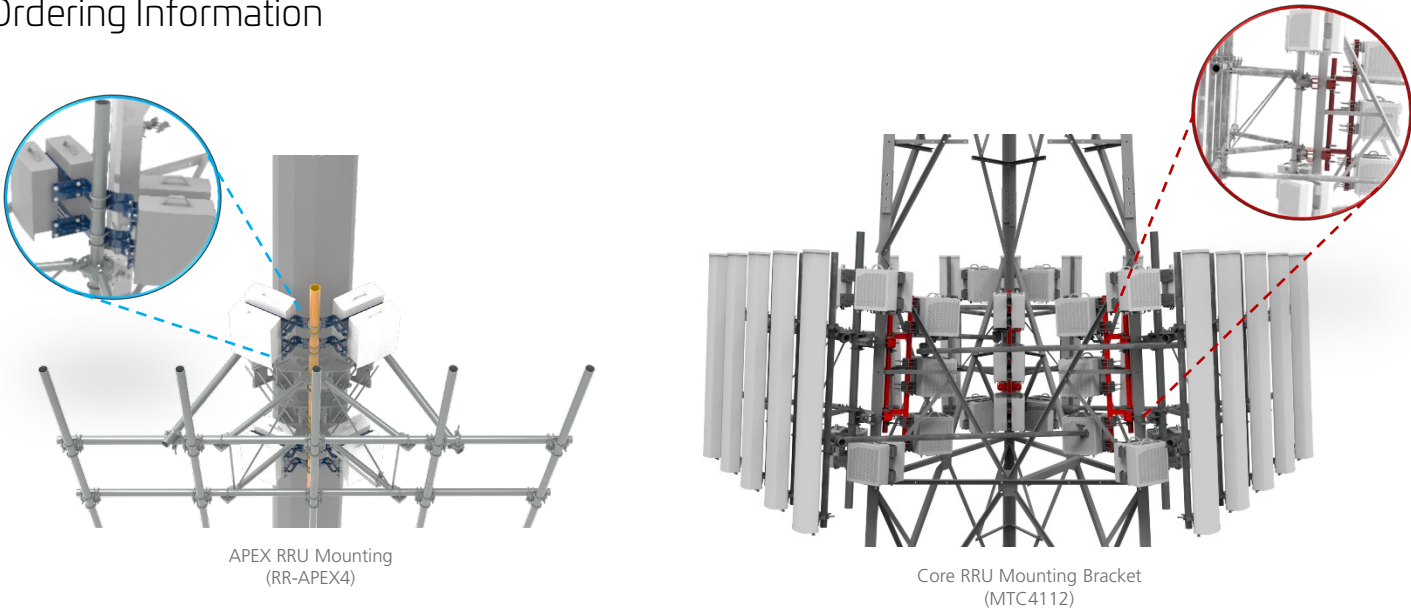
Ordering Information

SFG23RHDX Sector Frame
(SFG23RHDX-10-4-126)



Description	Face Width	Pipes Included	CommScope Part Number
SFG23RHDX Spine Series (RRU Relocation Heavy Duty Xtreme High Capacity Sector Frame)			Meets TIA 5053 Standards
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame ONLY	10' Face Width	None	SFG23RHDX-10-B
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Three (3) 96" Antenna Pipes		(3) 2-7/8" OD X 96" Antenna Pipe	SFG23RHDX-10-3-96
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Three (3) 126" Antenna Pipes		(3) 2-7/8" OD X 126" Antenna Pipe	SFG23RHDX-10-3-126
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Four (4) 96" Antenna Pipes		(4) 2-7/8" OD X 96" Antenna Pipe	SFG23RHDX-10-4-96
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Four (4) 126" Antenna Pipes		(4) 2-7/8" OD X 126" Antenna Pipe	SFG23RHDX-10-4-126
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame ONLY	12' Face Width	None	SFG23RHDX-12-B
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Three (3) 96" Antenna Pipes		(3) 2-7/8" OD X 96" Antenna Pipe	SFG23RHDX-12-3-96
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Three (3) 126" Antenna Pipes		(3) 2-7/8" OD X 126" Antenna Pipe	SFG23RHDX-12-3-126
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Four (4) 96" Antenna Pipes		(4) 2-7/8" OD X 96" Antenna Pipe	SFG23RHDX-12-4-96
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Four (4) 126" Antenna Pipes		(4) 2-7/8" OD X 126" Antenna Pipe	SFG23RHDX-12-4-126
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame ONLY	14' Face Width	None	SFG23RHDX-10-B
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Three (3) 96" Antenna Pipes		(3) 2-7/8" OD X 96" Antenna Pipe	SFG23RHDX-10-3-96
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Three (3) 126" Antenna Pipes		(3) 2-7/8" OD X 126" Antenna Pipe	SFG23RHDX-10-3-126
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Four (4) 96" Antenna Pipes		(4) 2-7/8" OD X 96" Antenna Pipe	SFG23RHDX-10-4-96
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Four (4) 126" Antenna Pipes		(4) 2-7/8" OD X 126" Antenna Pipe	SFG23RHDX-10-4-126

RRU Mounts
Ordering Information

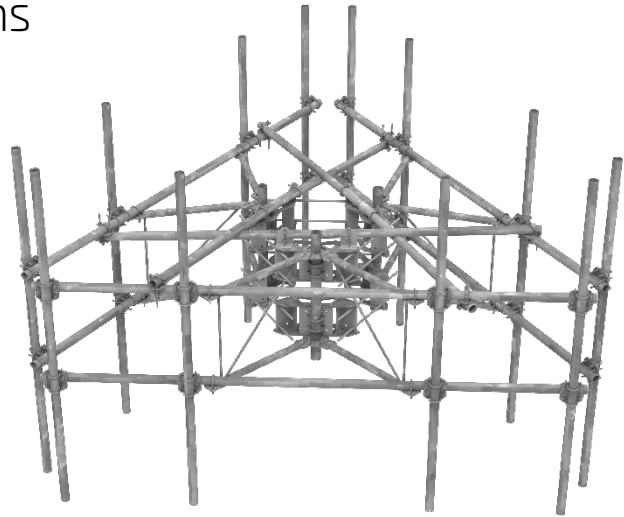


Description	CommScope Part Number
APEX RRU Mount Meets TIA 5053 Standards	
RRU Mounting	RR-APEX4
CORE Saddle Mount Meets TIA 5053 Standards	
Core RRU mounting bracket 1' stand off	MTC4112
Core RRU mounting bracket 2' stand off	MTC4113
Fast Access Meets TIA 5053 Standards	
Fast Access RRU mounting bracket	RR-FA2
Back-to-Back RRU mounting bracket	RR-B2B-AR

MCG22 Monopole Frame Applications

Ordering Information

MCG22 Sector Frame
(MCG22-10-4-96)

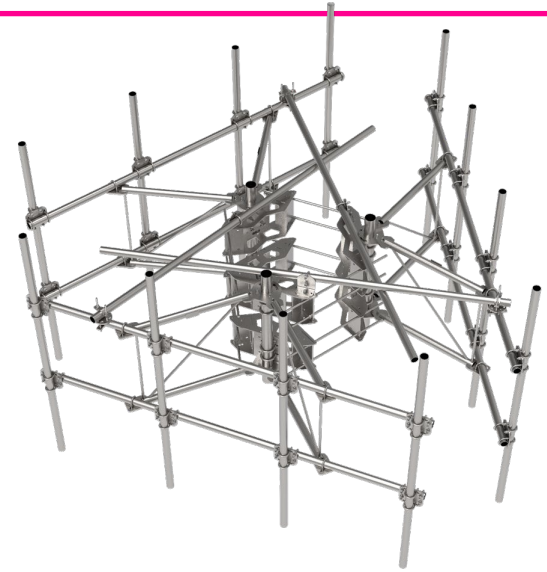


Description	Face Width	Pipes Included	CommScope Part Number
MCG22 Series (Standard Capacity 3-Sector Monopole Frame)			Meets TIA 5053 Standards
Standard Capacity 3-Sector Monopole Frame Nine (9) 96" Antenna Pipes	10' Face Width	(9) 2-3/8" OD X 96" Antenna Pipe	MCG22-10M-9-96
Standard Capacity 3-Sector Monopole Frame Nine (9) 126" Antenna Pipes		(9) 2-3/8" OD X 126" Antenna Pipe	MCG22-10M-9-126
Standard Capacity 3-Sector Monopole Frame Twelve (12) 96" Antenna Pipes		(12) 2-3/8" OD X 96" Antenna Pipe	MCG22-10M-9-96
Standard Capacity 3-Sector Monopole Frame Twelve (12) 126" Antenna Pipes		(12) 2-3/8" OD X 126" Antenna Pipe	MCG22-10M-9-126
Standard Capacity 3-Sector Monopole Frame Nine (9) 96" Antenna Pipes	12' Face Width	(9) 2-3/8" OD X 96" Antenna Pipe	MCG22-12M-12-96
Standard Capacity 3-Sector Monopole Frame Nine (9) 126" Antenna Pipes		(9) 2-3/8" OD X 126" Antenna Pipe	MCG22-12M-12-126
Standard Capacity 3-Sector Monopole Frame Twelve (12) 96" Antenna Pipes		(12) 2-3/8" OD X 96" Antenna Pipe	MCG22-12M-9-96
Standard Capacity 3-Sector Monopole Frame Twelve (12) 126" Antenna Pipes		(12) 2-3/8" OD X 126" Antenna Pipe	MCG22-14M-12-126
Standard Capacity 3-Sector Monopole Frame Nine (9) 96" Antenna Pipes	14' Face Width	(9) 2-3/8" OD X 96" Antenna Pipe	MCG22-14M-12-96
Standard Capacity 3-Sector Monopole Frame Nine (9) 126" Antenna Pipes		(9) 2-3/8" OD X 126" Antenna Pipe	MCG22-14M-12-126
Standard Capacity 3-Sector Monopole Frame Twelve (12) 96" Antenna Pipes		(12) 2-3/8" OD X 96" Antenna Pipe	MCG22-14M-9-96
Standard Capacity 3-Sector Monopole Frame Twelve (12) 126" Antenna Pipes		(12) 2-3/8" OD X 126" Antenna Pipe	MCG22-14M-9-126

MCG22HD Monopole Frame Applications

Ordering Information

MCG22HD Sector Frame
(MCG22HD10-4-96)

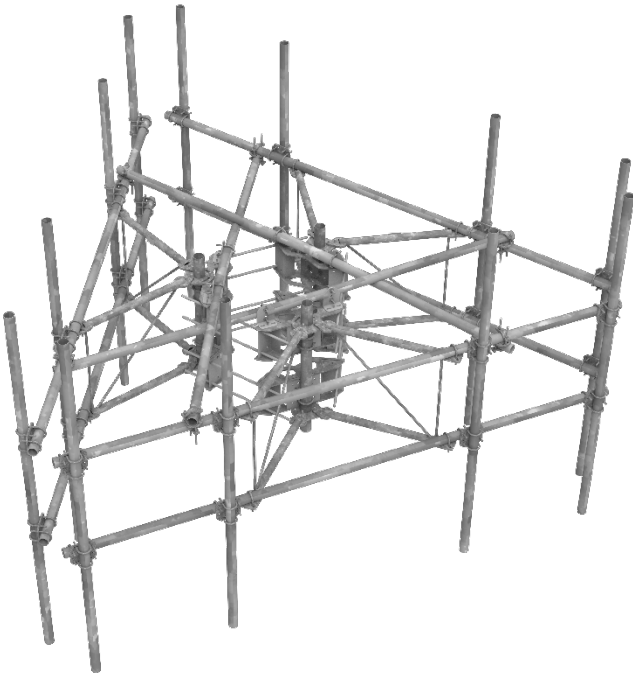


Description	Face Width	Pipes Included	CommScope Part Number
MCG22HD Series (Heavy Duty High Capacity 3-Sector Monopole Frame)			Meets TIA 5053 Standards
Heavy Duty Capacity 3-Sector Monopole Frame Four (4) 96" Antenna Pipes	10' Face Width	(4) 2-3/8" OD X 96" Antenna Pipe	MCG22HD-10-4-96
Heavy Duty Capacity 3-Sector Monopole Frame Four (4) 126" Antenna Pipes		(4) 2-3/8" OD X 126" Antenna Pipe	MCG22HD-10-4-126
Heavy Duty Capacity 3-Sector Monopole Frame Five (5) 96" Antenna Pipes		(5) 2-3/8" OD X 96" Antenna Pipe	MCG22HD-10-5-96
Heavy Duty Capacity 3-Sector Monopole Frame Five (5) 126" Antenna Pipes		(5) 2-3/8" OD X 126" Antenna Pipe	MCG22HD-10-5-126
Heavy Duty Capacity 3-Sector Monopole Frame Four (4) 96" Antenna Pipes		(4) 2-3/8" OD X 96" Antenna Pipe	MCG22HD-12-4-96
Heavy Duty Capacity 3-Sector Monopole Frame Four (4) 126" Antenna Pipes		(4) 2-3/8" OD X 126" Antenna Pipe	MCG22HD-12-4-126
Heavy Duty Capacity 3-Sector Monopole Frame Five (5) 96" Antenna Pipes		(5) 2-3/8" OD X 96" Antenna Pipe	MCG22HD-12-5-96
Heavy Duty Capacity 3-Sector Monopole Frame Five (5) 126" Antenna Pipes		(5) 2-3/8" OD X 126" Antenna Pipe	MCG22HD-12-5-126
Heavy Duty Capacity 3-Sector Monopole Frame Four (4) 96" Antenna Pipes	14' Face Width	(4) 2-3/8" OD X 96" Antenna Pipe	MCG22HD-14-4-96
Heavy Duty Capacity 3-Sector Monopole Frame Four (4) 126" Antenna Pipes		(4) 2-3/8" OD X 126" Antenna Pipe	MCG22HD-14-4-126
Heavy Duty Capacity 3-Sector Monopole Frame Five (5) 96" Antenna Pipes		(5) 2-3/8" OD X 96" Antenna Pipe	MCG22HD-14-5-96
Heavy Duty Capacity 3-Sector Monopole Frame Five (5) 126" Antenna Pipes		(5) 2-3/8" OD X 126" Antenna Pipe	MCG22HD-14-5-126

MCG22HDX Monopole Frame Applications

Ordering Information

MCG22HDX Sector Frame
(MCG22HDX12-4-120)

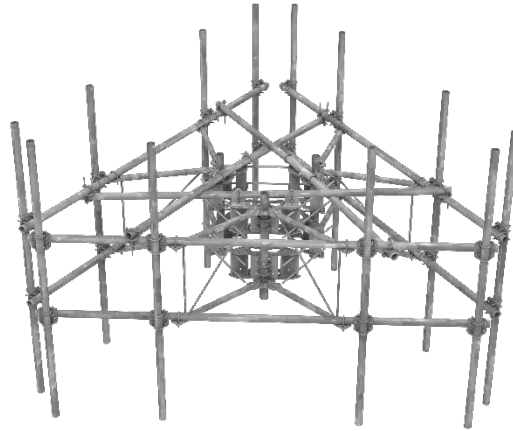


Description	Face Width	Pipes Included	CommScope Part Number
MCG22HDX Series (Heavy Duty Xtreme High Capacity 3-Sector Monopole Frame)			Meets TIA 5053 Standards
Heavy Duty Xtreme High Capacity 3-Sector Monopole Frame Four (4) 120" Antenna Pipes	12' Face Width	(4) 2 - 7/8" OD X 120" Antenna Pipe	MCG22HDX-12-4-120
Heavy Duty Xtreme High Capacity 3-Sector Monopole Frame Five (5) 120" Antenna Pipes		(5) 2 - 7/8" OD X 120" Antenna Pipe	MCG22HDX-12-5-120
Heavy Duty Xtreme High Capacity 3-Sector Monopole Frame Four (4) 120" Antenna Pipes	14' Face Width	(4) 2 - 7/8" OD X 120" Antenna Pipe	MCG22HDX-14-4-120
Heavy Duty Xtreme High Capacity 3-Sector Monopole Frame Five (5) 120" Antenna Pipes		(5) 2 - 7/8" OD X 120" Antenna Pipe	MCG22HDX-14-5-120

MCG23HDX Tower Applications

Ordering Information

MCG23HD Sector Frame
(MCG23HD10-4-96)

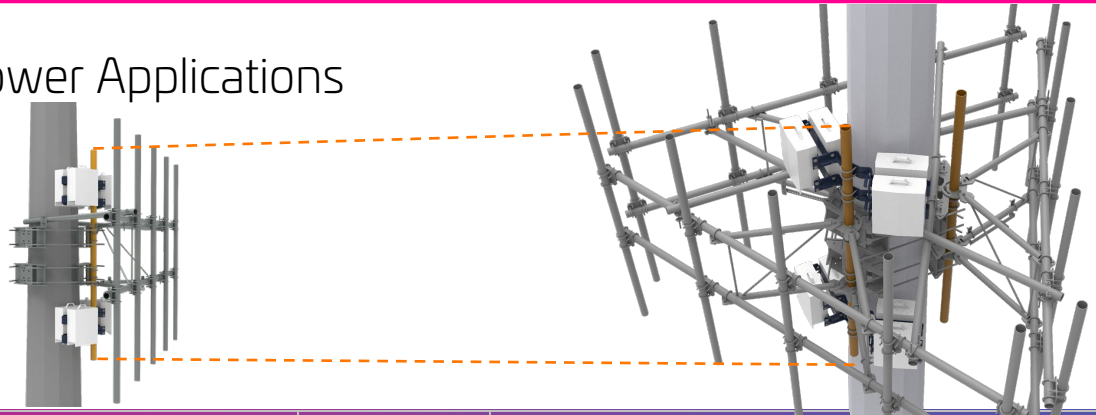


Description	Face Width	Pipes Included	CommScope Part Number
MCG23HDX Series (Heavy Duty Xtreme High Capacity Sector Frame)			Meets TIA 5053 Standards
Heavy Duty Xtreme High Capacity Sector Frame ONLY	10' Face Width	None	MCG23HDX-10M-B
Heavy Duty Xtreme High Capacity Sector Frame Nine (9) 96" Antenna Pipes		(9) 2-2/5" OD X 96" Antenna Pipe	MCG23HDX-10M-9-96
Heavy Duty Xtreme High Capacity Sector Frame Nine (9) 126" Antenna Pipes		(9) 2-2/5" OD X 126" Antenna Pipe	MCG23HDX-10M-9-126
Heavy Duty Xtreme High Capacity Sector Frame Twelve (12) 96" Antenna Pipes		(12) 2-2/5" OD X 96" Antenna Pipe	MCG23HDX-10M-12-96
Heavy Duty Xtreme High Capacity Sector Frame Twelve (12) 126" Antenna Pipes		(12) 2-2/5" OD X 126" Antenna Pipe	MCG23HDX-10M-12-126
Heavy Duty Xtreme High Capacity Sector Frame ONLY	12' Face Width	None	MCG23HDX-12M-B
Heavy Duty Xtreme High Capacity Sector Frame Nine (9) 96" Antenna Pipes		(9) 2-2/5" OD X 96" Antenna Pipe	MCG23HDX-12M-9-96
Heavy Duty Xtreme High Capacity Sector Frame Nine (9) 126" Antenna Pipes		(9) 2-2/5" OD X 126" Antenna Pipe	MCG23HDX-12M-9-126
Heavy Duty Xtreme High Capacity Sector Frame Twelve (12) 96" Antenna Pipes		(12) 2-2/5" OD X 96" Antenna Pipe	MCG23HDX-12M-12-96
Heavy Duty Xtreme High Capacity Sector Frame Twelve (12) 126" Antenna Pipes		(12) 2-2/5" OD X 126" Antenna Pipe	MCG23HDX-12M-12-126
Heavy Duty Xtreme High Capacity Sector Frame ONLY	14' Face Width	None	MCG23HDX-14M-B
Heavy Duty Xtreme High Capacity Sector Frame Nine (9) 96" Antenna Pipes		(9) 2-2/5" OD X 96" Antenna Pipe	MCG23HDX-14M-9-96
Heavy Duty Xtreme High Capacity Sector Frame Nine (9) 126" Antenna Pipes		(9) 2-2/5" OD X 126" Antenna Pipe	MCG23HDX-14M-9-126
Heavy Duty Xtreme High Capacity Sector Frame Twelve (12) 96" Antenna Pipes		(12) 2-2/5" OD X 96" Antenna Pipe	MCG23HDX-14M-12-96
Heavy Duty Xtreme High Capacity Sector Frame Twelve (12) 126" Antenna Pipes		(12) 2-2/5" OD X 126" Antenna Pipe	MCG23HDX-14M-12-126

MCG23RHDX Tower Applications

Ordering Information

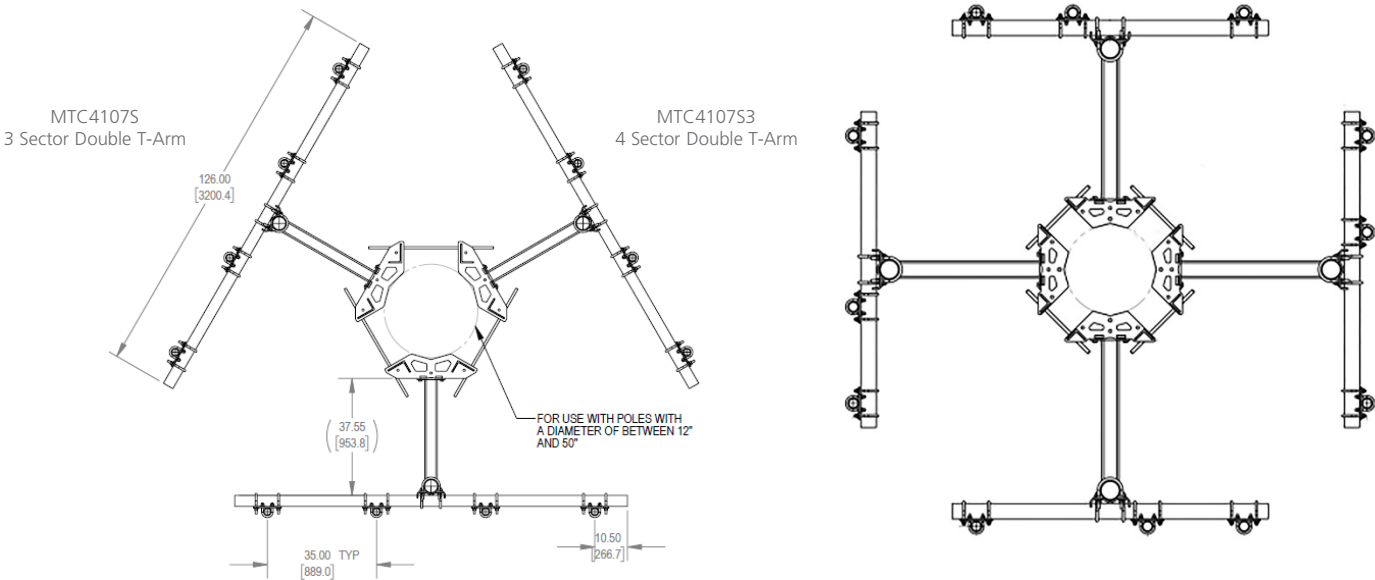
MCG23RHDX Sector Frame
(MCG23RHD10-5-120)



Description	Face Width	Pipes Included	CommScope Part Number
MCG23RHDX Spine Series (RRU Relocation Heavy Duty Xtreme High Capacity Sector Frame)			Meets TIA 5053 Standards
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector ONLY	10' Face Width	None	MCG23RHDX-10M-B
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Nine (9) 96" Antenna Pipes		(9) 2-7/8" OD X 96" Antenna Pipe	MCG23RHDX-10M-9-96
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Nine (9) 126" Antenna Pipes		(9) 2-7/8" OD X 126" Antenna Pipe	MCG23RHDX-10M-9-126
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Twelve (12) 96" Antenna Pipes		(12) 2-7/8" OD X 96" Antenna Pipe	MCG23RHDX-10M-12-96
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Twelve (12) 126" Antenna Pipes		(12) 2-7/8" OD X 126" Antenna Pipe	MCG23RHDX-10M-12-126
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector ONLY	12' Face Width	None	MCG23RHDX-12M-B
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Nine (9) 96" Antenna Pipes		(9) 2-7/8" OD X 96" Antenna Pipe	MCG23RHDX-12M-9-96
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Nine (9) 126" Antenna Pipes		(9) 2-7/8" OD X 126" Antenna Pipe	MCG23RHDX-12M-9-126
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Twelve (12) 96" Antenna Pipes		(12) 2-7/8" OD X 96" Antenna Pipe	MCG23RHDX-12M-12-96
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Twelve (12) 126" Antenna Pipes		(12) 2-7/8" OD X 126" Antenna Pipe	MCG23RHDX-12M-12-126
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector ONLY	14' Face Width	None	MCG23RHDX-14M-B
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Nine (9) 96" Antenna Pipes		(9) 2-7/8" OD X 96" Antenna Pipe	MCG23RHDX-14M-9-96
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Nine (9) 126" Antenna Pipes		(9) 2-7/8" OD X 126" Antenna Pipe	MCG23RHDX-14M-9-126
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Twelve (12) 96" Antenna Pipes		(12) 2-7/8" OD X 96" Antenna Pipe	MCG23RHDX-14M-12-96
RRU Relocation Heavy Duty Xtreme Heavy Capacity Sector Frame Twelve (12) 126" Antenna Pipes		(12) 2-7/8" OD X 126" Antenna Pipe	MCG23RHDX-14M-12-126

Double T-Arm Kits

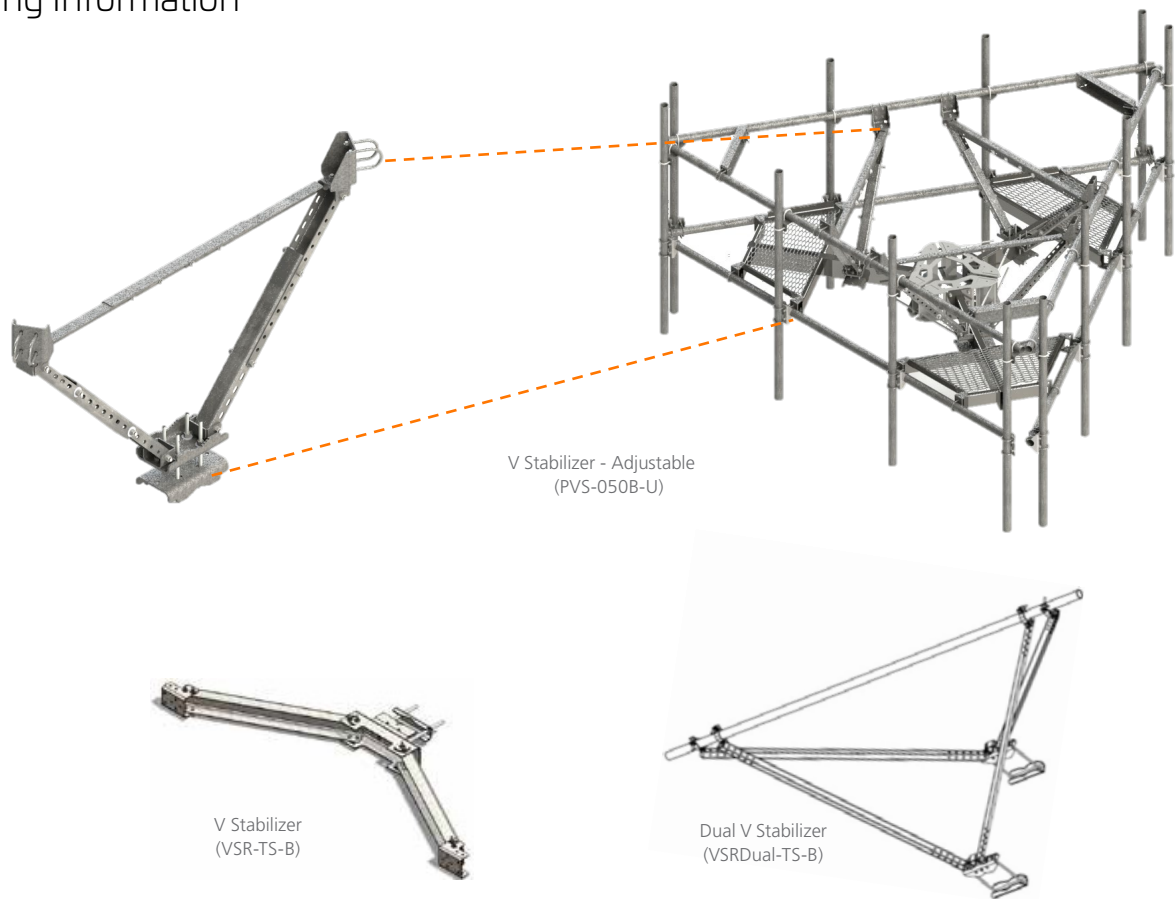
Ordering Information



Description	Face Width	Pipes Included	CommScope Part Number
Double T-Arm Kits			Meets TIA 5053 Standards
3-Sector, azimuth adjustable faces for more compatibility, up to 10' vertical stand off	6' Face Width	72"-126" Antenna Pipe	MTC4107S
4-Sector, azimuth adjustable faces for more compatibility, up to 10' vertical stand off	10' Face Width	72"-126" Antenna Pipe	MTC4107S3

Tower Reinforcement Kits

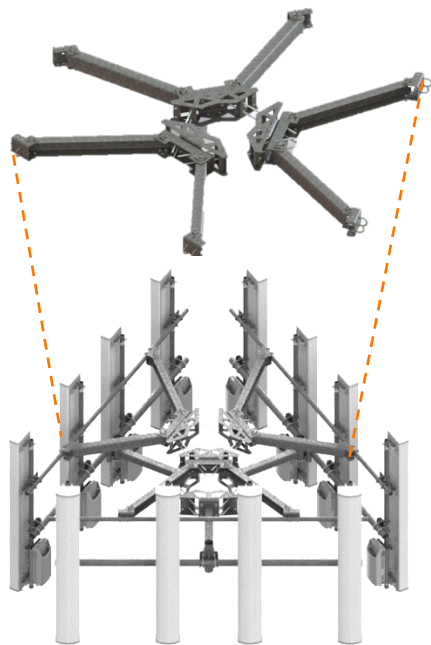
Ordering Information



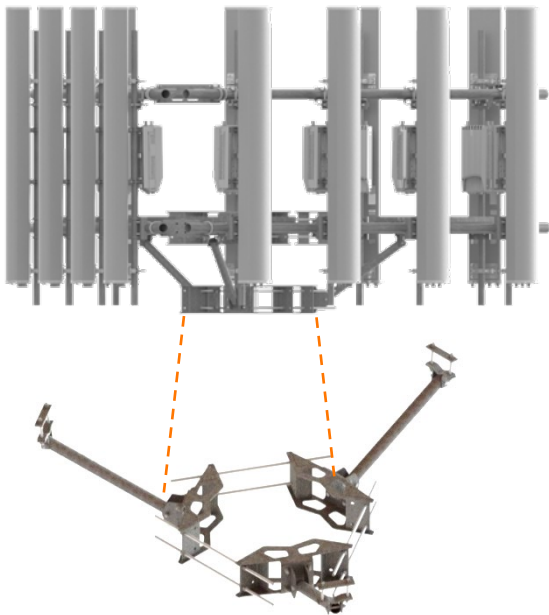
Description	CommScope Part Number
TOP RAIL REINFORCEMENT KIT Universal monopole platform reinforcement kit	PVS-050B-U
V-Stabilizer™ For tower applications, small leg size (2" – 8")	VSR-TS-B
V-Stabilizer™ - Adjustable For tower applications, small leg size (2" – 8")	VSRA-TS-B
Dual V-Stabilizer™ For tower applications, small leg size (2" – 8")	VSRDual-TS-B
Dual V-Stabilizer™ - Adjustable For tower applications, small leg size (2" – 8")	VSRDUALA-TS-B

Monopole Load Distribution Reinforcement Kits

Ordering Information



Three Sector V-Stabilizer™ Kit
(VSR-MS-B)



Three Sector Load Distribution Reinforcement Kit
(RK-36-3S)

Three Sector Load Distribution Reinforcement Kits

Includes: Ring mount and support arms for 3 sectors

36" Support Arm	10" - 30"	RK-36-3S
	15" - 50"	RK-36-3M
	30" - 60"	RK-36-3L
60" Support Arm	10" - 30"	RK-60-3S
	15" - 50"	RK-60-3M
	30" - 60"	RK-60-3L
Field Adjustable 10' Support Arm	30" - 60"	MTC38523L

Four Sector Load Distribution Reinforcement Kits

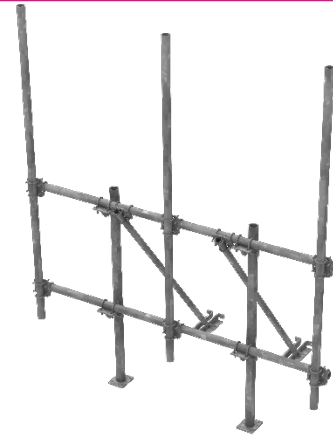
Includes: Ring mount and support arms for 3 sectors

36" Support Arm	10" - 30"	RK-36-4S
	30" - 60"	RK-36-4L
60" Support Arm	10" - 30"	RK-60-4S
	30" - 60"	RK-60-4L

Three Sector V-Stabilizer™ Kit Includes ring mount and support arms for 3 sectors	12" - 50"	VSR-MS-B
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Single Penetrating Rooftop Frame Ordering Information

RT-SF10-3-126
Penetrating RT



Description	Face Width	Pipes Included	CommScope Part Number
Single Penetrating Rooftop Frame			Meets TIA 5053 Standards
Single Penetrating rooftop sector frame Only	7' Face Width	None	RT-SF7-B
Single Penetrating rooftop sector frame Three (3) 96" Antenna Pipes		(2) 2-7/8" OD x 96" Antenna pipes	RT-SF7-2-96
Single Penetrating rooftop sector frame Three (3) 126" Antenna Pipes		(2) 2-7/8" OD x 126" Antenna pipes	RT-SF7-2-126
Single Penetrating rooftop sector frame Four (4) 96" Antenna Pipes		(3) 2-7/8" OD x 96" Antenna pipes	RT-SF7-3-96
Single Penetrating rooftop sector frame Four (4) 126" Antenna Pipes		(3) 2-7/8" OD x 126" Antenna pipes	RT-SF7-3-126
Single Penetrating rooftop sector frame Only	10' Face Width	None	RT-SF10-B
Single Penetrating rooftop sector frame Three (3) 96" Antenna Pipes		(3) 2-7/8" OD x 96" Antenna pipes	RT-SF10-3-96
Single Penetrating rooftop sector frame Three (3) 126" Antenna Pipes		(3) 2-7/8" OD x 126" Antenna pipes	RT-SF10-3-126
Single Penetrating rooftop sector frame Four (4) 96" Antenna Pipes		(4) 2-7/8" OD x 96" Antenna pipes	RT-SF10-4-96
Single Penetrating rooftop sector frame Four (4) 126" Antenna Pipes		(4) 2-7/8" OD x 126" Antenna pipes	RT-SF10-4-126
Single Penetrating rooftop sector frame Only	12' Face Width	None	RT-SF12-B
Single Penetrating rooftop sector frame Three (3) 96" Antenna Pipes		(3) 2-7/8" OD x 96" Antenna pipes	RT-SF12-3-96
Single Penetrating rooftop sector frame Three (3) 126" Antenna Pipes		(3) 2-7/8" OD x 126" Antenna pipes	RT-SF12-3-126
Single Penetrating rooftop sector frame Four (4) 96" Antenna Pipes		(4) 2-7/8" OD x 96" Antenna pipes	RT-SF12-4-96
Single Penetrating rooftop sector frame Four (4) 126" Antenna Pipes		(4) 2-7/8" OD x 126" Antenna pipes	RT-SF12-4-126

Dual Penetrating Rooftop Frame Ordering Information



Description	Face Width	Pipes Included	CommScope Part Number
Dual Penetrating Rooftop Frame		Meets TIA 5053 Standards	
Dual penetrating rooftop sector frame Only	12' Face Width	None	RT-DSF12-B
Dual penetrating rooftop sector frame Three (3) 96" Antenna Pipes		(3) 2-7/8" OD x 96" Antenna pipes	RT-DSF12-3-96
Dual penetrating rooftop sector frame Three (3) 126" Antenna Pipes		(3) 2-7/8" OD x 126" Antenna pipes	RT-DSF12-3-126
Dual penetrating rooftop sector frame Four (4) 96" Antenna Pipes		(4) 2-7/8" OD x 96" Antenna pipes	RT-DSF12-4-96
Dual penetrating rooftop sector frame Four (4) 126" Antenna Pipes		(4) 2-7/8" OD x 126" Antenna pipes	RT-DSF12-4-126
Dual penetrating rooftop sector frame Only	14' Face Width	None	RT-DSF10-B
Dual penetrating rooftop sector frame Three (3) 96" Antenna Pipes		(3) 2-7/8" OD x 96" Antenna pipes	RT-DSF14-3-96
Dual penetrating rooftop sector frame Three (3) 126" Antenna Pipes		(3) 2-7/8" OD x 126" Antenna pipes	RT-DSF14-3-126
Dual penetrating rooftop sector frame Four (4) 96" Antenna Pipes		(4) 2-7/8" OD x 96" Antenna pipes	RT-DSF14-4-96
Dual penetrating rooftop sector frame Four (4) 126" Antenna Pipes		(4) 2-7/8" OD x 126" Antenna pipes	RT-DSF14-4-126

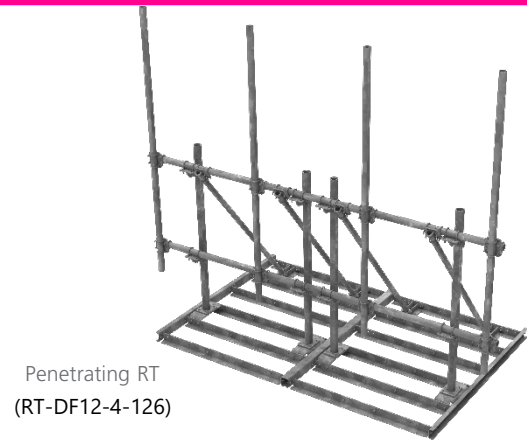
Single Ballasted Rooftop Frame Ordering Information



Single Penetrating RT
(RT-NF10-3-96)

Single Ballasted Rooftop Frame				Meets TIA 5053 Standards
Ballast Tray				RT-NF-BAL
Single ballasted rooftop sector frame Only	7' Face Width	None		RT-NF7-B
Single ballasted rooftop sector frame Three (3) 96" Antenna Pipes		(2) 2-7/8" OD x 96" Antenna pipes		RT-NF7-2-96
Single ballasted rooftop sector frame Three (3) 126" Antenna Pipes		(2) 2-7/8" OD x 126" Antenna pipes		RT-NF7-2-126
Single ballasted rooftop sector frame Four (4) 96" Antenna Pipes		(3) 2-7/8" OD x 96" Antenna pipes		RT-NF7-3-96
Single ballasted rooftop sector frame Four (4) 126" Antenna Pipes		(3) 2-7/8" OD x 126" Antenna pipes		RT-NF7-3-126
Single Ballasted rooftop sector frame Only	10' Face Width	None		RT-NF10-B
Single ballasted rooftop sector frame Three (3) 96" Antenna Pipes		(3) 2-7/8" OD x 96" Antenna pipes		RT-NF10-3-96
Single ballasted rooftop sector frame Three (3) 126" Antenna Pipes		(3) 2-7/8" OD x 126" Antenna pipes		RT-NF10-3-126
Single ballasted rooftop sector frame Four (4) 96" Antenna Pipes		(4) 2-7/8" OD x 96" Antenna pipes		RT-NF10-4-96
Single ballasted rooftop sector frame Four (4) 126" Antenna Pipes		(4) 2-7/8" OD x 126" Antenna pipes		RT-NF10-4-126
Single ballasted rooftop sector frame	12' Face Width	None		RT-NF12-B
Single ballasted rooftop sector frame Three (3) 96" Antenna Pipes		(3) 2-7/8" OD x 96" Antenna pipes		RT-NF12-3-96
Single ballasted rooftop sector frame Three (3) 126" Antenna Pipes		(3) 2-7/8" OD x 126" Antenna pipes		RT-NF12-3-126
Single ballasted rooftop sector frame Four (4) 96" Antenna Pipes		(4) 2-7/8" OD x 96" Antenna pipes		RT-NF12-4-96
Single ballasted rooftop sector frame Four (4) 126" Antenna Pipes		(4) 2-7/8" OD x 126" Antenna pipes		RT-NF12-4-126

Dual Ballasted Rooftop Frame Ordering Information



Description	Face Width	Pipes Included	CommScope Part Number
Dual Ballasted Rooftop Frame			Meets TIA 5053 Standards
Dual Ballasted rooftop sector frame Only	12' Face Width	None	RT-DF12-B
Dual Ballasted rooftop sector frame Three (3) 96" Antenna Pipes		(3) 2-7/8" OD x 96" Antenna pipes	RT-DF12-3-96
Dual Ballasted rooftop sector frame Three (3) 126" Antenna Pipes		(3) 2-7/8" OD x 126" Antenna pipes	RT-DF12-3-126
Dual Ballasted rooftop sector frame Four (4) 96" Antenna Pipes		(4) 2-7/8" OD x 96" Antenna pipes	RT-DF12-4-96
Dual Ballasted rooftop sector frame Four (4) 126" Antenna Pipes		(4) 2-7/8" OD x 126" Antenna pipes	RT-DF12-4-126
Dual penetrating rooftop sector frame Only	14' Face Width	None	RT-DF14-B
Dual Ballasted rooftop sector frame Three (3) 96" Antenna Pipes		(3) 2-7/8" OD x 96" Antenna pipes	RT-DF14-3-96
Dual Ballasted rooftop sector frame Three (3) 126" Antenna Pipes		(3) 2-7/8" OD x 126" Antenna pipes	RT-DF14-3-126
Dual Ballasted rooftop sector frame Four (4) 96" Antenna Pipes		(4) 2-7/8" OD x 96" Antenna pipes	RT-DF14-4-96
Dual Ballasted rooftop sector frame Four (4) 126" Antenna Pipes		(4) 2-7/8" OD x 126" Antenna pipes	RT-DF14-4-126

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