



M-SA18 Sector Antenna - Cross Polarized MIMO 4 x 3.5 GHz
Slant Multi-MIMO 4x4 3300MHz-3800MHz
Private Networks: CBRS (X-POL)
Includes: Tilt-Mounting Hardware / Extension Coax Cables Sold Separately

M-SA18 Enterprise Series Cross Polarized Sector Antenna - MIMO 4x4 3.5 GHz
Slant X-POL MIMO 4x4 3300MHz~3800MHz Sector Antenna
Private Networks: CBRS
Includes Mounting Hardware / Extension Coax Cables Available

Frequency Range: <i>CBRS</i>	3300~3800MHz
Avg Peak Gain Isotropic: <i>CBRS</i>	(18dBi) 3300MHz ~ 3800MHz
Horizontal Half Power Beamwidth (°)	65°
Vertical Half Power Beamwidth (°)	65°
Polarization (°)	±45°
VSWR	≤1.5
Front to Back Ratio (dB)	≥25dB
Isolation (dB)	≥30dB
Cross-polar Discrimination (dB)	≥15dB (±60°≥10dB)
Average Power, Maximum (W)	100W
Nominal Impedance	50Ω

Mechanical / Environmental Specifications

Application	Outside
Radome	UPVC
Color	Grey
Dimensions (mm)	<i>Height: 31.70" / 805mm – Width: 11.02" / 284.5mm – Depth: 3.6" / 91.5mm</i>
Connector Type	4 x N Female (X-POL)
Mounting Hardware <i>(Stainless Steel)</i>	Includes Tilt-Mounting Hardware <i>Bracket Mount + 2 x U-Bolt Sets</i>
Mechanical Tilt Range (°)	0° ~ 10°
Mounting Mast Diameter	1.4"~3.0" / 35mm~75mm
Extension Cables	Extension Coax Cable Options Available (Sold Separately) All Standard Connector Ends Available (Including SMA QMA TNC FAKRA N Type)
Humidity (%)	5% to 95%
Wind Velocity	125 MPH
Operating Temp (°F)	-40° / +140° (°F)
Net Weight	9.92lbs / 4.5kg <i>Includes Mounting Hardware</i>



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Supported Private Networks

CBRS

CBRS 4G LTE 5G Bands (AG Antennas are CBRS 4G 5G Ready)
 3.5GHz Band (3550-3700MHz)
 B48

SKU: M-SA18DP3.5-G-4NF



4x4 x N Female
 X-POL Connector Ends

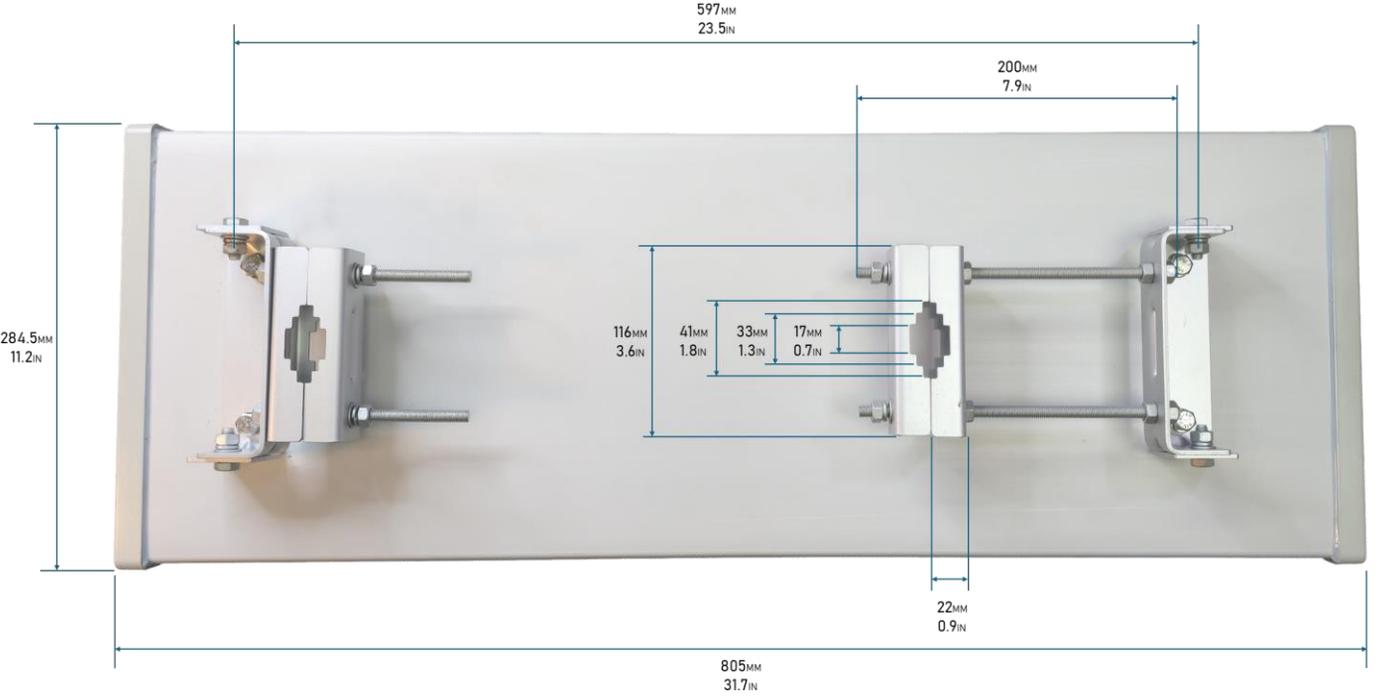
M-SA18 Enterprise Series Cross Polarized Sector MIMO 4 x CBRS Antenna. Includes Mounting Bracket Hardware / 4 x - N Female
 "Built To Spec" Custom Extension Cable Length / Connector End Options are Available. Contact us for details.



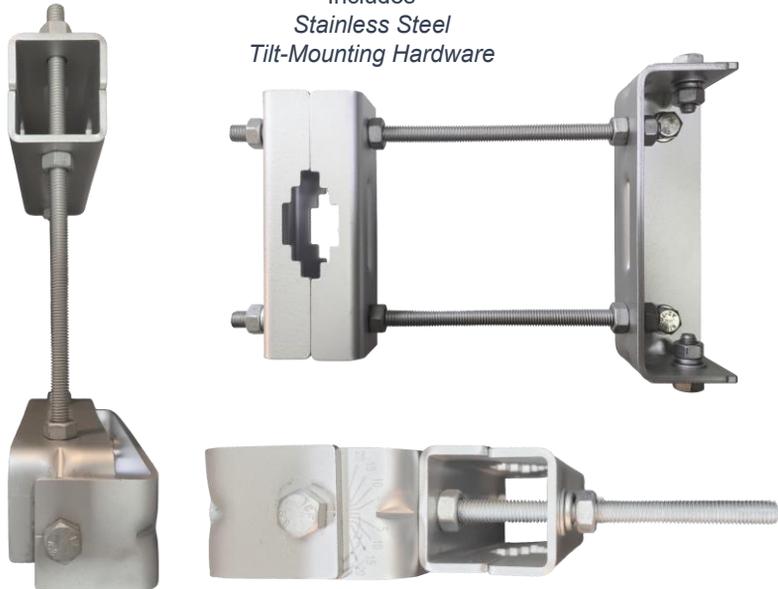
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M-SA18 Enterprise Series Cross Polarized Sector Antenna
 Dimensions / Mounting Hardware

SKU: M-SA18DP3.5-G-4NF



Includes
 Stainless Steel
 Tilt-Mounting Hardware



4x4 N Female
 Connector Ends

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**AGA Ultra Low-Loss Extension Coax Cables
 (Sold Separately)**

Finished AGA195 | AGA240 | AGA400 Extension Coax Cables (Lengths: 15ft - 100ft)
 Extension Coax Cable Connector End Options: SMA | TNC | FAKRA | QMA | N Type



N Male

N Male

SMA Male



TNC Male



FAKRA-D



QMA Male





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AGA Ultra Low-Loss Extension Coax Cables / 1ft AGA200 Adapter Cables
 (Sold Separately)

Finished AGA195 | AGA240 | AGA400 Extension Coax Cables (Lengths: 15ft - 100ft) – N Male / N Male
 N Female 1ft Adapter Cable Options: SMA | TNC | QMA | FAKRA | N Type





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System Lightning Surge Protection Kits / Ground Kits / J-Pipe Mount
 (Sold Separately)

Surge Protector - NF
 SKU: LSP-2NF



Surge Protector - SF
 SKU: LSP-2SF



Surge Protector w/ L-Bracket Mount Kit
 SKU: LSP-2NF-LBM-2-KIT



Surge Protector w/ L-Bracket Mount Kit
 SKU: LSP-2SF-LBM-2-KIT

