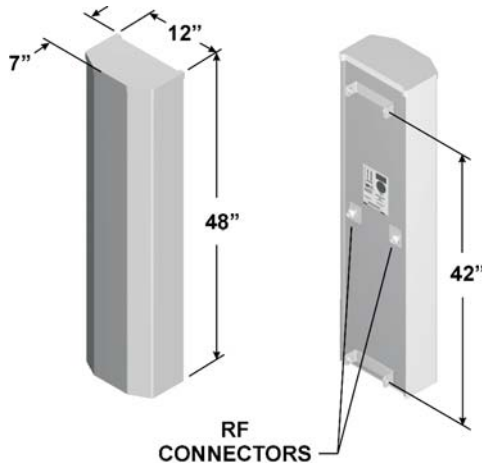


806 MHz - 896 MHz (A)



65° beamwidth

11.9 dBd gain

**±45°
DualPol®**

48 inch

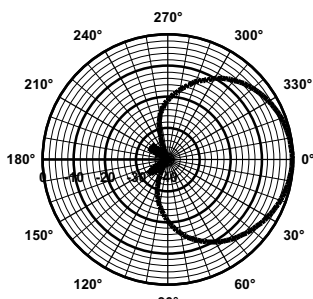
SPECIFICATIONS

Electrical		Mechanical	
Azimuth Beamwidth	65°	Dimensions (L x W x D)	48in x 12in x 7in (121.9 cm x 30.5 cm x 17.8 cm)
Elevation Beamwidth	16.1°	Rated Wind Velocity	130 mph (209 kph)
Gain	11.9 dBd (14.0 dBi)	Equivalent Flat Plate Area	4ft ² (.37 m ²)
Polarization	Slant, ±45°	Front Wind Load @ 100 mph (161 kph)	115 lbs (512 N)
Port to Port Isolation	≥ 20 dB	Side Wind Load @ 100 mph (161 kph)	67 lbs (299 N)
Front-to-Back Ratio	≥ 25 dB	Weight	21 lbs (9.5 kg)
Electrical Downtilt Options	0°, 5°, 10°	Note: Patent Pending and US Patent number 5, 757, 246. Values and patterns are representative and variations may occur. Specifications may change without notice due to continuous product enhancements. Digitized pattern data is available from the factory or via the web site www.emswireless.com and reflect all updates.	
VSWR	1.35:1 Max		
Connectors	2; Type N or 7-16 DIN (female)		
Power Handling	500 Watts CW		
Passive Intermodulation	-147 dBc [2x20W (+43 dBm)]		
Lightning Protection	Chassis Ground		

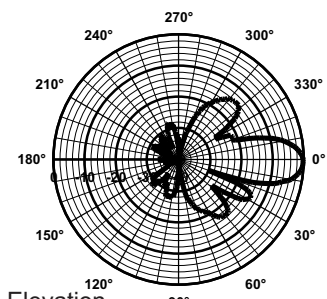
MOUNTING OPTIONS

Model Number	Description	Comments
MTG-P00-10	Standard Mount (Supplied with antenna)	Mounts to Wall or 1.5 inch to 5.0 inch O.D. Pole (3.8 cm to 12.7 cm)
MTG-S02-10	Swivel Mount	Mounting kit providing azimuth adjustment.
MTG-DXX-20*	Mechanical Downtilt Kits	0° - 10° or 0° - 15° Mechanical Downtilt
MTG-CXX-10*	Cluster Mount Kits	3 antennas 120° apart or 2 antennas 180° apart
MTG-C02-10	U-Bolt Cluster Mount Kit	3 antennas 120° apart, 4.5" O.D. pole.
MTG-TXX-10*	Steel Band Mount	Pole diameters 7.5" - 45"

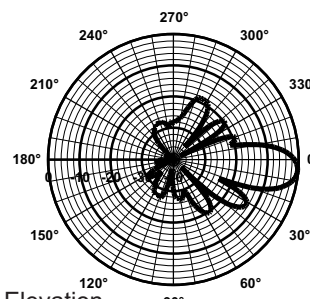
* Model number shown represents a series of products. See mounting options section for specific model number.



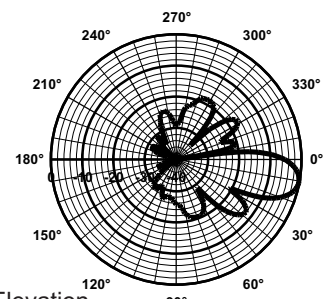
Azimuth



Elevation
0° Downtilt



Elevation
5° Downtilt



Elevation
10° Downtilt