

A-18A12E-C

Single Band | Planar | V/H-Pol | 33° | 15.0 dBi | Fixed Tilt

- Single band, vertically or horizontally polarized planar antenna with fixed electrical downtilt
- Bracket included with antenna

Electrical Characteristics	
Frequency Bands	1850-1990 MHz
Polarization	Vertical or Horizontal
Horizontal Beamwidth	33°
Vertical Beamwidth	28°
Gain	12.9 dBd (15.0 dBi)
Electrical Downtilt	0°
Impedance	50Ω
VSWR	< 1.5:1
Front-to-Back Ratio	> 30 dB
Sidelobe level (elevation)	> -32 dB (80° ≤ θ ≤ 100°)
Sidelobe level (azimuth)	> -25 dB (80° ≤ φ ≤ 100°)
Intermodulation	> 147 dBc for 2 x 20 W carriers
Input Power	100 W
Connector(s)	1 / EDIN or NE / Female / Back / Center

Mechanical Characteristics		
Dimensions Length x Width x Depth	330 x 330 x 46 mm	13.0 x 13.0 x 1.8 in
Weight without Mounting Brackets	1.7 kg	3.8 lbs
Rated wind velocity	201 km/hr	125 mph
Operational wind speed	121 km/hr	75 mph
Wind load at 160 km/hr (100 mph)	261 N	59 lbf

Mounting Options		
Pole mounting Kit	C-Mount included with antenna	
Weight	0.9 kg	2 lbs
Part number if ordering separately	505-110-5-029	
Mounting interface (pole, diameter)	48-74 mm	1.9-2.9 in

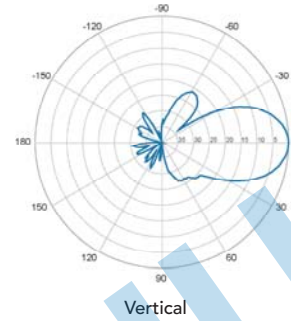
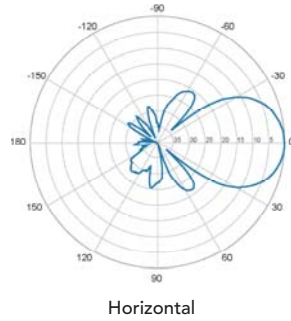


Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.

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DISCONTINUED

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