



RR65-17-02DPL2

DualPol® Antenna

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- Heavy Upper Sidelobe Supression to minimize adjacent cell site interference
- Designed for maximum gain along with beam shaping considerations
- Convenient back fed RF connectors for easy installation
- Stress free mechanical design for thermal expansion strain relief between radome and tray

ELECTRICAL

Frequency (MHz) :	1850 - 1990
Polarization :	±45°
Gain (dBd/dBi) :	14.4/16.5
Azimuth BW (Deg.):	65
Elevation BW (Deg.):	8
Beam Tilt (Deg.):	2
USLS* (dB) :	18
Front-To-Back Ratio* (dB) :	35
Isolation (dB) :	>30
VSWR :	<1.35:1
PIM3 @ 2 x 20w (dBc) :	-150
Max. Input Power (Watts) :	250
Impedance (Ohms) :	50
Lightning Protection :	Chassis



MECHANICAL

Weight :	5.4 kg (12 lb)
Dimensions (LxWxD) :	1,219 x 203 x 71 mm (48 x 8 x 2.8 in)
Max. Wind Area :	0.13 m ² (1.4 ft ²)
Max. Wind Load (@ 100 mph) :	342.5 N (77 lbf)
Max. Wind Speed :	241 km/h (150 mph)
Hardware Material :	Steel Zinc Plated
Connector Type :	7-16 DIN - Female (2, Back)
Color :	Off White
Standard Mounting Hardware :	MTG-P00-20S
Standard Downtilt Mounting Hardware :	MTG-D15-20S

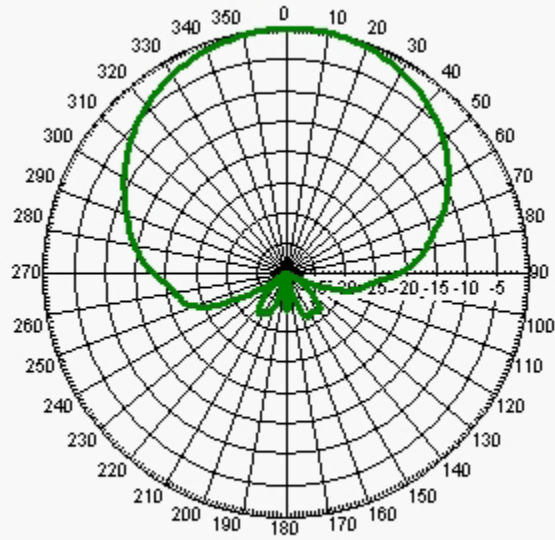


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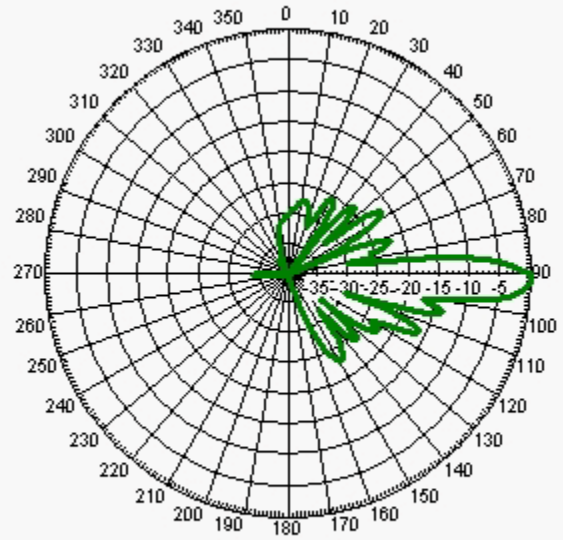
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AZIMUTH PATTERN



Freq: 1920 MHz, Tilt: 2

ELEVATION PATTERN



Freq: 1920 MHz, Tilt: 2