



# RR65-12-00DBL

DualPol® Antenna

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- Designed for maximum gain
- Clean pattern shapes
- RF connectors on back of antenna for alternative mounting options
- Stress free mechanical design for thermal expansion strain relief between radome and tray

## ELECTRICAL

Frequency (MHz) :	806 - 941
Polarization :	±45°
Gain (dBd/dBi) :	12/14.1
Azimuth BW (Deg.):	65
Elevation BW (Deg.):	16
Beam Tilt (Deg.):	0
USLS* (dB) :	18
Front-To-Back Ratio* (dB) :	23
Isolation (dB) :	>20
VSWR :	<1.28:1
PIM3 @ 2 x 20w (dBc) :	-150
Max. Input Power (Watts) :	500
Impedance (Ohms) :	50
Lightning Protection :	Chassis



## MECHANICAL

Weight :	15.2 kg (33.5 lb)
Dimensions (LxWxD) :	1,219 x 305 x 178 mm (48 x 12 x 7 in)
Max. Wind Area :	0.18 m <sup>2</sup> (1.9 ft <sup>2</sup> )
Max. Wind Load (@ 100 mph) :	471.4 N (106 lbf)
Max. Wind Speed :	209 km/h (130 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

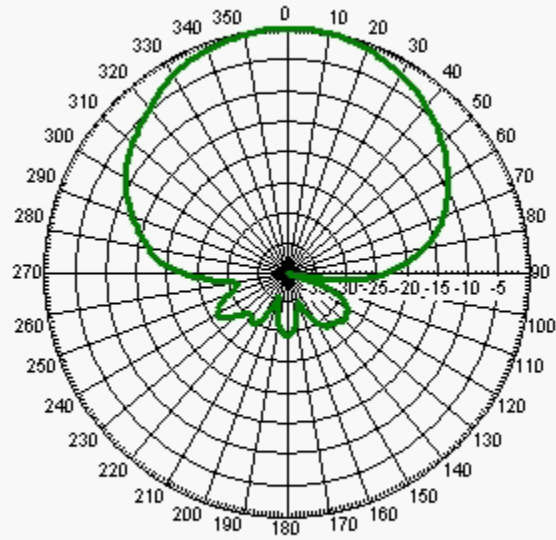


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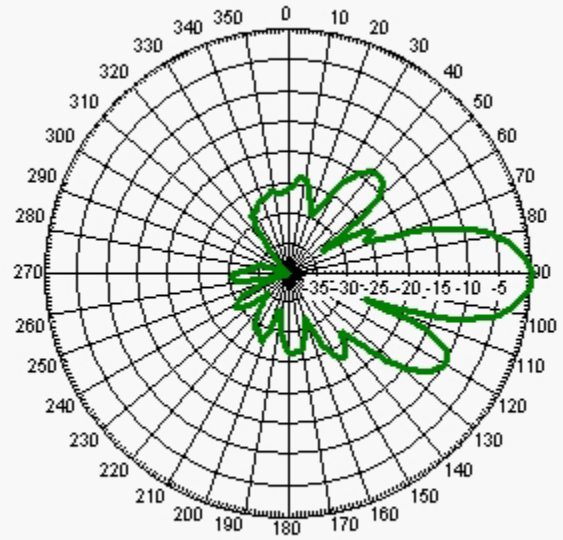
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## AZIMUTH PATTERN



Freq: 850 MHz, Tilt: 0

## ELEVATION PATTERN



Freq: 850 MHz, Tilt: 0