



# DR65-19-00DPQ

DualPol® Quad Antenna

DualPol®

- Two Dualpol antennas under one common radome for challenging zoning applications
- Designed for maximum gain out of smaller size package
- Stress free mechanical design for thermal expansion strain relief between radome and tray
- Patented DualPol antenna technology

## ELECTRICAL

Frequency (MHz) :	1850 - 1990
Polarization :	±45°
Gain (dBd/dBi) :	16.4/18.5
Azimuth BW (Deg.):	65
Elevation BW (Deg.):	4.5
Beam Tilt (Deg.):	0
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 :	11.3 kg (25 lb)
Dimensions (LxWxD) :	1,829 x 305 x 102 mm (72 x 12 x 4 in)
Max. Wind Area :	0.26 m <sup>2</sup> (2.8 ft <sup>2</sup> )
Max. Wind Load (@ 100 mph) :	711.6 N (160 lbf)
Max. Wind Speed :	209 km/h (130 mph)
Hardware Material :	Steel Zinc Plated
Connector Type :	7-16 DIN - Female (4, Back)
Color :	Off White
Standard Mounting Hardware :	MTG-P00-20S
Standard Downtilt Mounting Hardware :	MTG-D15-20S



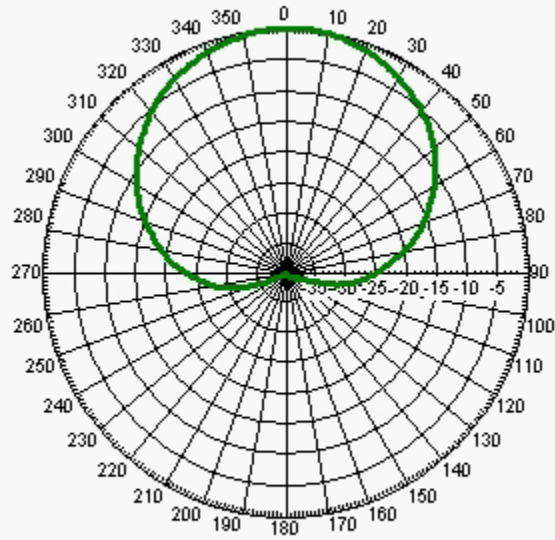


# DR65-19-00DPQ

DualPol® Quad Antenna

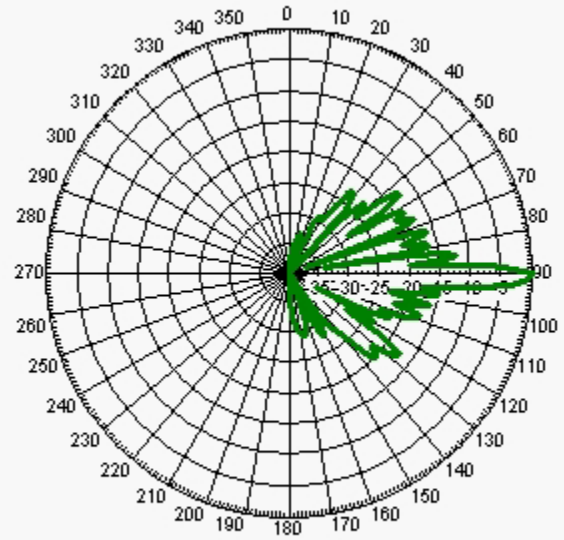
DualPol®

## AZIMUTH PATTERN



Freq: 1920 MHz, Tilt: 0

## ELEVATION PATTERN



Freq: 1920 MHz, Tilt: 0