



854DG70VTRSX

DualPol® Three Sector Antenna

DualPol®
Micro AcCELLerator™
VARI-TILT®

- Three independent XPol antennas in a single antenna system
- Each antenna allows for independent beam tilting to optimize each sector
- Total antenna system in less than 11" diameter
- Fully integrated flange mounting system for easy installation

ELECTRICAL

Frequency (MHz) :	806 - 896	897 - 941
Polarization :	±45°	±45°
Gain (dBd/dBi) :	11.5/13.6	11.5/13.6
Azimuth BW (Deg.):	75	75
Elevation BW (Deg.):	16	16
Beam Tilt (Deg.):	2-14	2-14
USLS* (dB) :	15	15
Front-To-Back Ratio* (dB) :	25	25
Isolation (dB) :	>30	>30
VSWR :	<1.4:1	<2.0:1
PIM3 @ 2 x 20w (dBc) :	-145	-145
Max. Input Power (Watts) :	500	500
Impedance (Ohms) :	50	50
Lightning Protection :	DC Ground	DC Ground



MECHANICAL

Weight :	19.9 kg (44 lb)
Dimensions (LxUO) :	1,486 x 269 mm (58.5 x 10.6 in)
Max. Wind Area :	0.14 m² (1.5 ft²)
Max. Wind Load (@ 100 mph) :	364.7 N (82 lbf)
Max. Wind Speed :	201 km/h (125 mph)
Hardware Material :	Integrated Flange
Connector Type :	7-16 DIN - Female (6, Bottom)
Color :	Light Gray
Standard Mounting Hardware :	085093-001

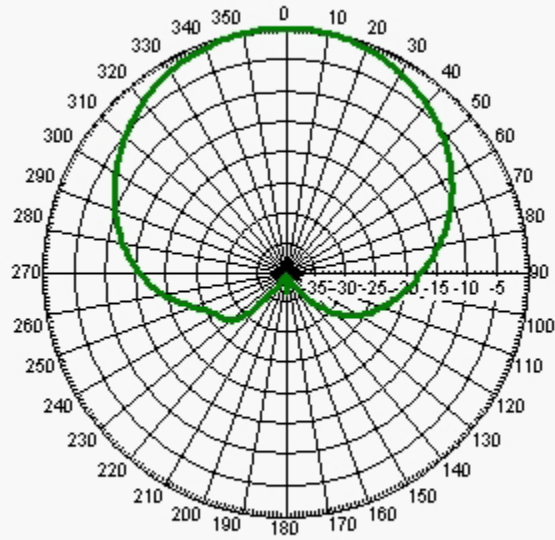


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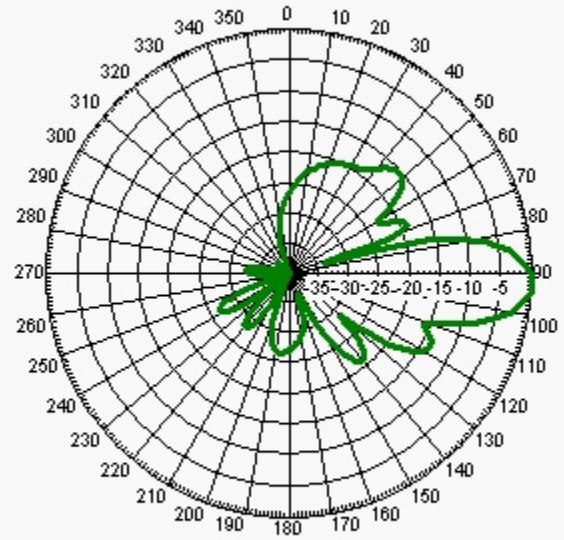
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AZIMUTH PATTERN



Freq: 850 MHz, Tilt: 2

ELEVATION PATTERN



Freq: 850 MHz, Tilt: 2