



DB854DG65ESX

13 dBd
Diversity Polarized Antenna

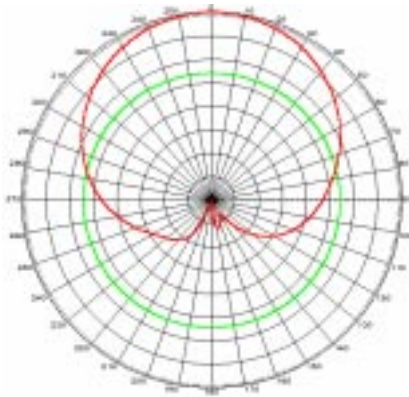
806-896 MHz

GEN3XPOL™

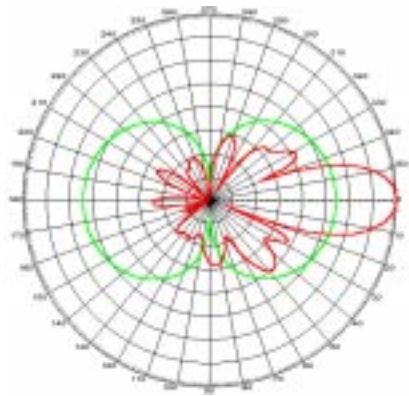
- 806-896 MHz
- 13 dBd (15.1 dBi) Gain
- Independently Polarized (+45°/-45°)
- 65° Azimuth BW
- 16° Elevation BW
- 7/16 DIN, 2 (Bottom)
- Cellular and Trunking
- Air Dielectric Feed System

65°

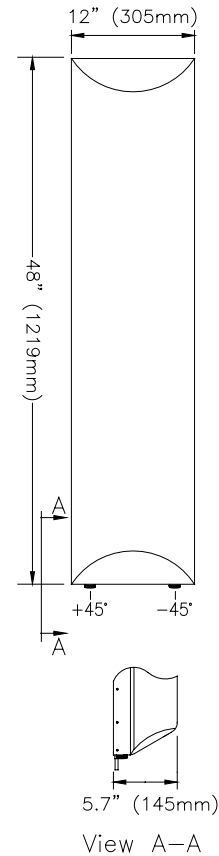
Azimuth
(Horizontal)



Elevation
(Vertical)



Scale: 10° radials, 5 dB per division



Electrical

VSWR:	1.33:1
USLS:	> 18 dB, typical
CPR:	10 dB, typical
Isolation:	> 30 dB
PIM:	-150 dBc (2 tone, 20 watt)
Front-to-Back Ratio:	> 30 dB, typical
Max. Input Power:	500 Watts
Impedance:	50 Ohms
Lightning Protection:	All metal parts are grounded.

Mechanical

Weight:	19 lbs (8.3 kg)
Wind Area:	4 ft² (0.37 m²)
Wind Load:	250 lbf (1112N) (at 100 mph)
Max. Wind Speed:	125 mph (200 km/h)
Reflector:	Pass. Aluminum
Radiators:	Aluminum
Radome:	ABS, UV Stabilized
Mounting Hardware:	Galvanized Steel
Color:	Light Gray

Mounting Options

Standard:	DB380 pipe mount kit (max. 3.5" OD), included.
Downtilt:	DB5083 downtilt bracket, optional.

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