



DB854HV90ESX

11.5 dBd
Panel Antenna

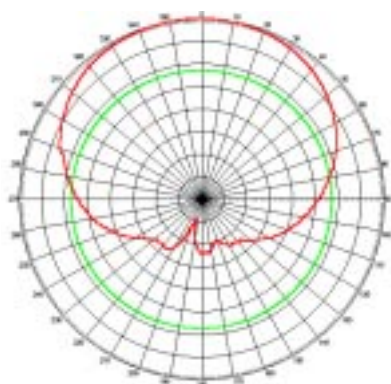
806-896 MHz

Diversity Master™

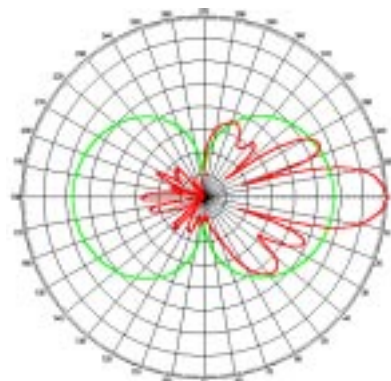
- 806-896 MHz
- 11.5 dBd (13.6 dBi) Gain
- Independently Polarized (H & V)
- 90° Azimuth BW (H & V)
- 17° Elevation BW (H & V)
- 7/16 DIN

90°

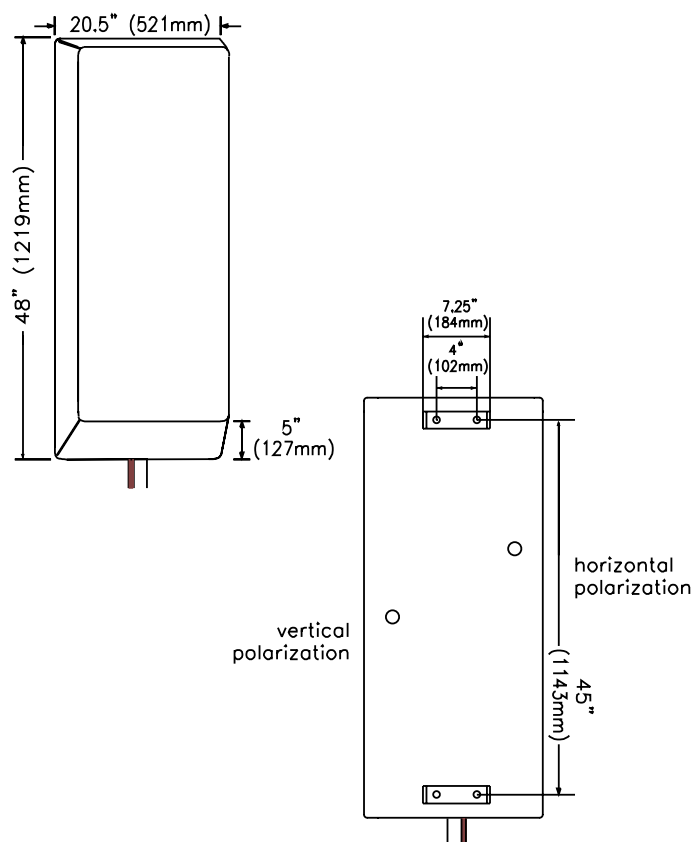
Azimuth
(Horizontal)



Elevation
(Vertical)



Scale: 10° radials, 5 dB per division



Electrical

VSWR:	< 1.5:1
Isolation:	> 30 dB
Front-to-Back Ratio:	> 20 dB, typical
Max. Input Power:	500 Watts
Impedance:	50 Ohms
Lightning Protection:	All metal parts are grounded.
Other Information:	This antenna completes one cell sector with Tx/Rx and Rx.

Mechanical

Weight:	22 lbs (10 kg)
Wind Area:	6.8 ft² (0.63 m²)
Wind Load:	272 lbf (1210N) 122 kp (at 100 mph)
Max. Wind Speed:	125 mph (200 km/h)
Radiators:	Silver-Plated Brass
Back Panel:	Pass. 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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ISO9001 Compliant