



855DD65VTESX

12.5 dBd
Dual Polarity Panel Antenna

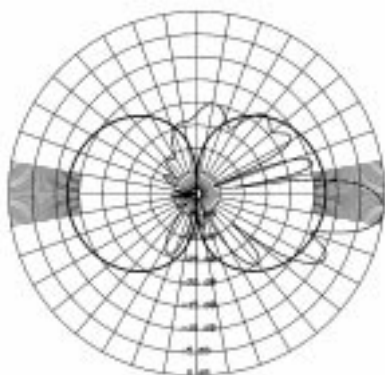
806-896 MHz

Diversity Master™
VARI-TILT®

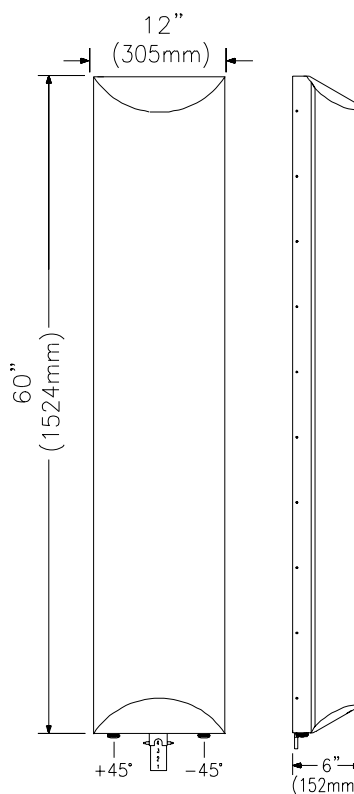
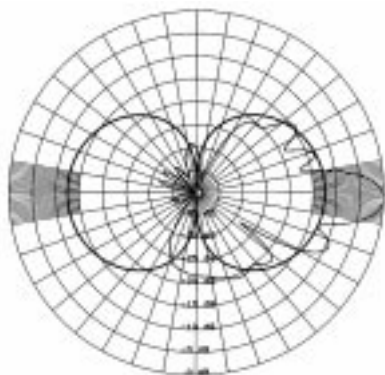
- 806-896 MHz
- 12.5 dBd (14.6 dBi) Gain
- 0°- 12° Electrical Downtilt
- Independently Polarized (+45°/-45°)
- 68° Azimuth BW
- 12° Elevation BW
- 7/16 DIN (Bottom)
- Trunking and Cellular

68°

6° +45
(Vertical)



3° -45
(Vertical)



Electrical

VSWR:	1.4:1*
Isolation:	> 30 dB*
Front-to-Back Ratio:	> 25 dB, typical
Cross Polarization Ratio:	11 dB
Max. Input Power:	500 Watts (each array)
Lightning Protection:	All metal parts are grounded.
Electrical Downtilt:	Adjustable from 0°-12°, securable in 1° increments.*

*Specifications are optimized between 2°-10°.
VSWR and Isolation outside this range may vary.

Mechanical

Weight:	28 lbs (12.7 kg)
Wind Area:	5 ft² (0.46 m²)
Wind Load:	200 lbf (890N) 90.7 kp (at 100 mph)
Max. Wind Speed:	125 mph (201 km/h)
Radiators:	Pass. Aluminum
Back Panel:	Pass. Aluminum
Radome:	ABS, UV Inhibited
Mounting Hardware:	Galvanized Steel
Color:	Light Gray

Mounting Options

Standard:	DB390 pipe mount kit (max 3.5" OD), included.
Downtilt:	DB5083 downtilt bracket, optional.

Shipping Information

Packing Size:	70" x 17" x 11" (178 x 43 x 28 cm)
Shipping Weight:	43 lbs (19.5 kg)

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ISO9001 Compliant