



DB855DD90ESX

12.0 dBd
Polarized Panel Antenna

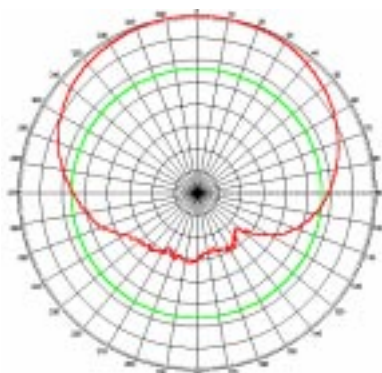
806-896 MHz

Diversity Master™

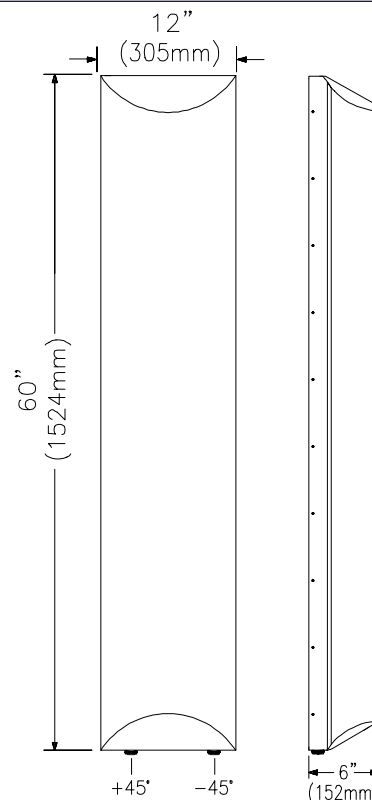
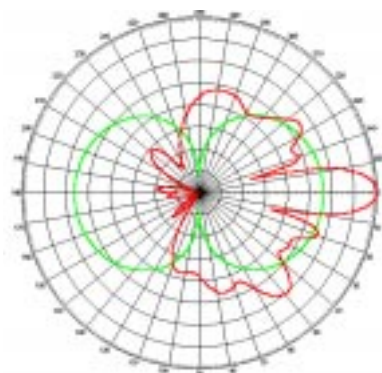
- 806-896 MHz
- 12.0 dBd (14.1 dBi) Gain
- Independently Polarized (+45°/-45°)
- 90° Azimuth BW
- 12° Elevation BW
- 7/16 DIN
- Trunking and Cellular

90°

Azimuth
(Horizontal)



Elevation
(Vertical)



Electrical

VSWR:	< 1.4:1
USLS:	> 15 dB
Isolation:	> 30 dB
Front-to-Back Ratio:	> 23 dB, typical
Max. Input Power:	500 Watts, each
Impedance:	50 Ohms
Lightning Protection:	All metal parts are grounded.
Other Information:	Dual

Mechanical

Weight:	23 lbs (10.4 kg)
Wind Area:	3.33 ft² (0.31 m²)
Wind Load:	133 lbf (593N) 60.5 kp (at 100 mph)
Max. Wind Speed:	125 mph (201 km/h)
Reflector:	Pass. Aluminum
Radiators:	Pass. Aluminum
Radome:	ABS, UV Inhibited
Mounting Hardware:	Galvanized Steel
Color:	Light Gray

Mounting Options

Standard:	DB380 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:	38 lbs (17.2 kg)

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