



858DDH90E-SX

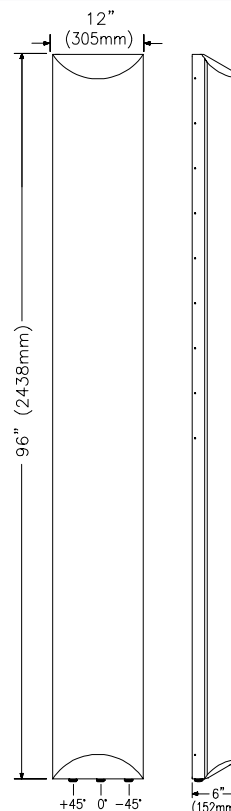
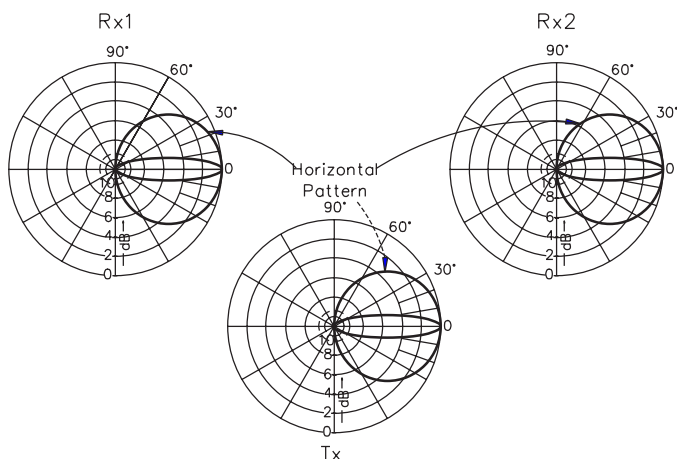
11 dBd
Dual Polarized Panel Antenna

806-896 MHz

Diversity Master™

- 806-896 MHz
- 11 dBd (13.1 dBi) Gain
± 0.5 dB Rx and Tx
- Independently Polarized (+45°/-45°/Vertical)
- 90° Azimuth BW
- 15° Elevation BW
- 7/16 DIN
- Trunking and Cellular

90°



Electrical

VSWR: < 1.5:1
Isolation: Rx / Rx: 30 dB
Rx / Tx: 40 dB
Front-to-Back Ratio: > 23 dB, typical
Max. Input Power: 500 Watts, each
Impedance: 50 ohms
Other Information: Single triple antenna for one cell sector.

Mechanical

Weight: 36 lbs (16 kg)
Wind Area: 8 ft² (0.74 m²)
Wind Load: 320 lbf (1423N) 144 kp (at 100 mph)
Max. Wind Speed: 125 mph (200 km/h)
Reflector: Pass. Aluminum
Radiators: Silver-Plated Brass
Radome: Fiberglass
Mounting Hardware: Galvanized Steel
Color: Light Gray

Mounting Options

Standard: DB380-3 pipe mount kit (max. 3.5" OD), included.
Downtilt: DB5083D downtilt bracket, optional.

Shipping Information

Packing Size: 106" x 15" x 10" (269 x 38 x 25 cm)
Shipping Weight: 52 lbs (24 kg)

8635 Stemmons Freeway • Dallas, Texas U.S.A. 75247-3701
Dallas/Ft.Worth Area Tel: 214.631.0310 • Fax: 214.631.4706
Toll Free Tel: 1.800.676.5342 • Fax: 1.800.229.4706
www.decibelproducts.com
dbtech@decibelproducts.com



ISO9001 Compliant