



DB848F90E-SX

13.9 dBd
Directional Log Periodic Antenna

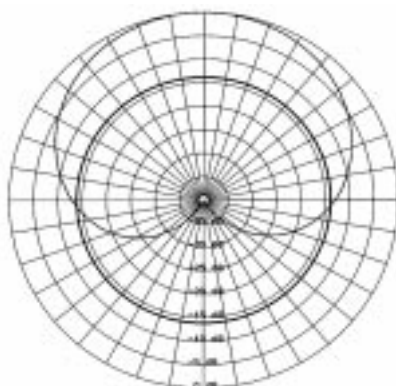
806-896 MHz

MaxFill™
dB Director®

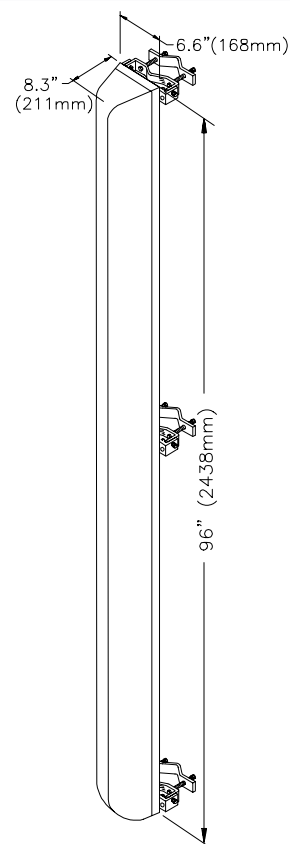
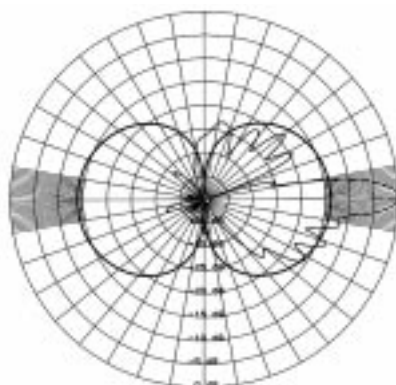
- 806-896 MHz
- 13.9 dBd (15 dBi) Gain
- Vertical Polarization
- 90° Azimuth BW
- 9° Elevation BW
- 7/16 DIN Female
- AMPS, Cellular, and Trunking

90°

Azimuth
(Horizontal)



Elevation
(Vertical)



Electrical

VSWR: 1.4:1
Null Fill: 11 dB (typical); 13 dB (minimum)
USLS: 20 dB typical
Front-to-Back Ratio: 40 dB typical
Max. Input Power: 500 Watts
Lightning Protection: All metal parts are grounded.

Mechanical

Weight: 28 lbs (12.7 kg)
Wind Area: 4.4 ft² (0.41 m²)
Wind Load: 176 lbf (783N) 79.1 kp (at 100 mph)
Max. Wind Speed: 125 mph (201 km/h)
Reflectors: Aluminum
Radiators: Brass
Back Panel: Passivated Aluminum
Radome: ABS, UV Stabilized
Mounting Hardware: Galvanized Steel
Color: Gray

Mounting Options

Standard: DB380-3 pipe mount kit, included.
Downtilt: DB5083D downtilt bracket, optional.

Shipping Information

Packing Size: 15" x 10" x 106" (38 x 25 x 269 cm)
Shipping Weight: 40 lbs (18 kg)

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