



848F90T10ESX

13.5 dBd
Directional Log Periodic Antenna

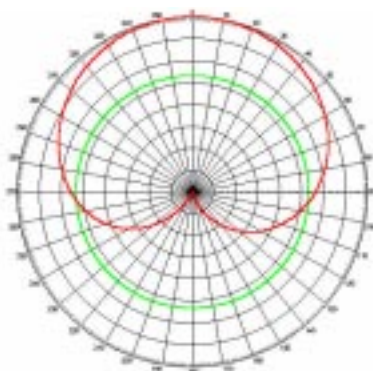
806-896 MHz

MaxFill™
dB Director®

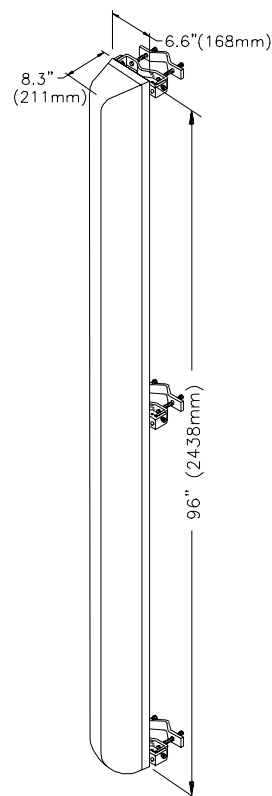
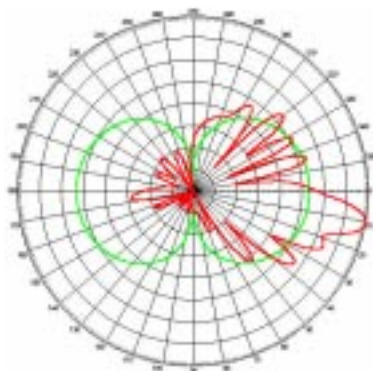
- 806-896 MHz
- 13.5 dBd (15.6 dBi) Gain
- 10° Fixed Electrical Downtilt
- Vertical Polarization
- 90° Azimuth BW
- 9.5° Elevation BW
- 7/16 DIN (Back)
- AMPS, Cellular, and Trunking

90°

Azimuth
(Horizontal)



Elevation
(Vertical)



Electrical

VSWR: 1.4:1
Null Fill: < 12 dB
USLS: > 14 dB
Front-to-Back Ratio: > 35 dB, typical
Max. Input Power: 500 Watts
Lightning Protection: DC Ground

Mechanical

Weight: 28 lbs (12.7 kg)
Wind Area: Frontal: 4.4 ft² (0.41 m²)
Lateral: 5.6 ft² (0.52 m²)
Wind Load: Frontal: 176 lbf (783N) 79.1 kp (at 100 mph)
Lateral: 222 lbf (988N) 99.8 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

Downtilt: DB5098D downtilt bracket, optional.

Shipping Information

Packing Size: 15" x 10" x 106" (38 x 25 x 269 cm)
Shipping Weight: 41 lbs (18.6 kg)

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ISO9001 Compliant