



DB848H80E-XY

14.5 dBd
Directional Log Periodic Antenna

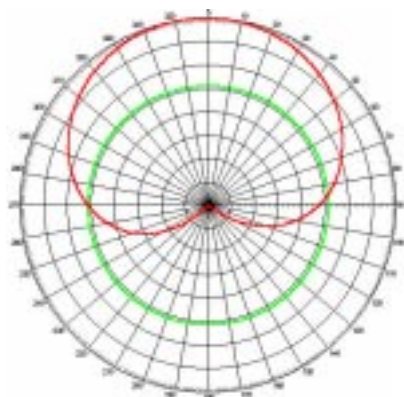
806-960 MHz

dB Director®

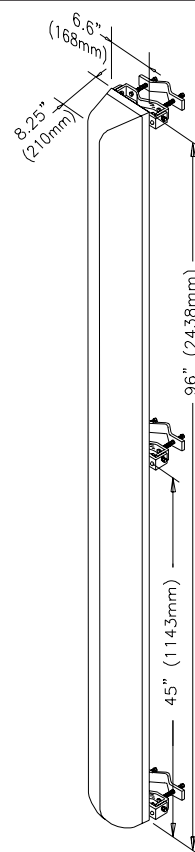
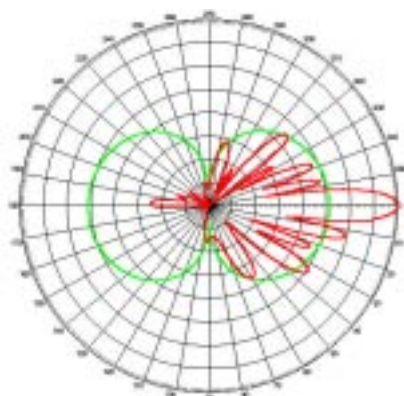
- 806-960 MHz
- 14.5 dBd (16.6 dBi) Gain
- Vertical Polarization
- 80° Azimuth BW
- 7.5° Elevation BW
- 7/16 DIN (Back)
- Cellular and ESMR

80°

Azimuth
(Horizontal)



Elevation
(Vertical)



Electrical

VSWR: 1.4:1
USLS: > 15 dB
Front-to-Back Ratio: > 40 dB, typical
Max. Input Power: 500 Watts
Impedance: 50 Ohms
Lightning Protection: All metal parts are grounded.

Mechanical

Weight: 28 lbs (12.7 kg)
Wind Area: 4 ft² (0.37 m²)
Wind Load: 160 lbf (712N) 71.9 kp (at 100 mph)
Max. Wind Speed: 125 mph (200 km/h)
Radiators: Brass
Radome: ABS, UV Inhibited
Mounting Hardware: Galvanized Steel
Color: Gray

Mounting Options

Standard: DB380 pipe mount kit (max. 3.8" OD), included.
Downtilt: DB5083 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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