



DB844H105ESX

11.4 dBd
Directional Log Periodic Antenna

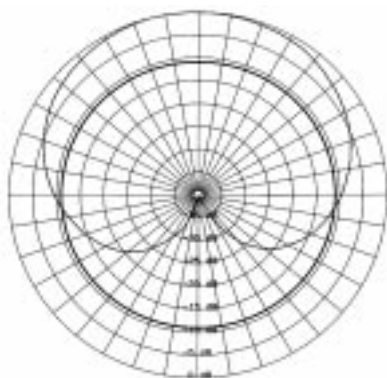
806-896 MHz

dB Director®

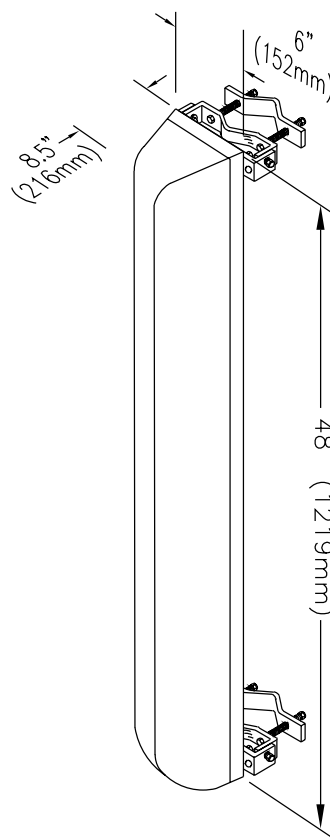
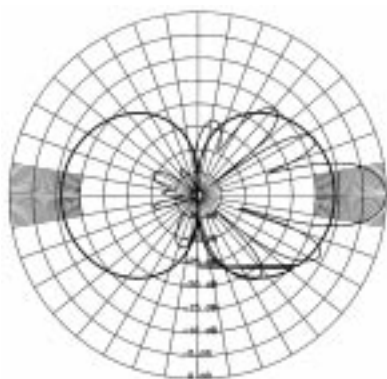
- 806-896 MHz
- 11.4 dBd (12.5 dBi) Gain
- Vertical Polarization
- 105° Azimuth BW
- 15° Elevation BW
- 7/16 DIN (Back)
- Optional N-Female
- Cellular and Trunking

105°

Azimuth
(Horizontal)



Elevation
(Vertical)



Electrical

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

Mechanical

Weight: 10 lbs (4.5 kg)
Wind Area: 2 ft² (0.19 m²)
Wind Load: 80 lbf (356N) 35.9 kp (at 100 mph)
Max. Wind Speed: 125 mph (200 km/h)
Radiators: Brass
Back Panel: Pass Aluminum
Radome: ABS
Mounting Hardware: Galvanized Steel
Color: Gray

Mounting Options

Standard: DB380 pipe mount kit (max. 3.5" OD), included.
Downtilt: DB5083, optional.

Shipping Information

Packing Size: 59" x 10" x 15" (150 x 25 x 38 cm)
Shipping Weight: 26 lbs (12 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