



DB846F90E-SX

13.5 dBd
Log Periodic Antenna

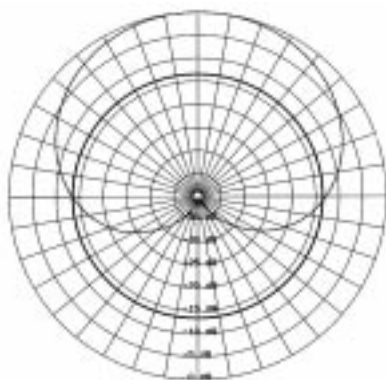
806-896 MHz

MaxFill™
dB Director®

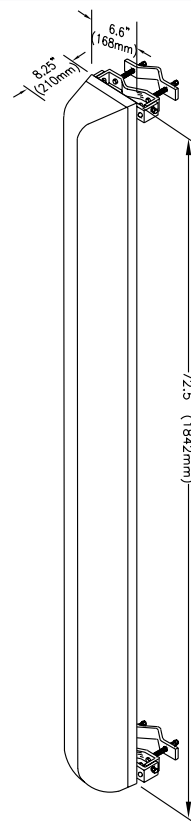
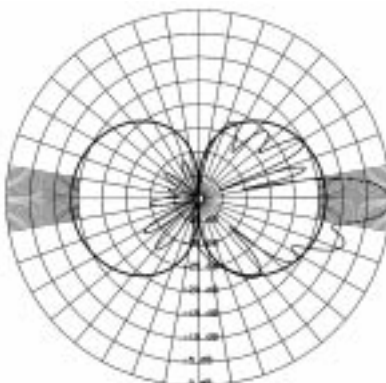
- 806-896 MHz
- 13.5 dBd (15.6 dBi) Gain
- Vertical Polarization
- 90° Azimuth BW
- 11° Elevation BW
- 7/16 DIN, Back Mount
- Cellular and Trunking

90°

Azimuth
(Horizontal)



Elevation
(Vertical)



Electrical

VSWR:	< 1.4:1
Null Fill:	< 14 dB
USLS:	> 18 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:	15 lbs (6.8 kg)
Wind Area:	4.2 ft² (0.39 m²)
Frontal Thrust:	132 lbf (587N) 59.3 kp (at 100 mph)
Lateral Thrust:	166 lbf (740N) 75.5 kp (at 100 mph)
Max. Wind Speed:	125 mph (201 km/h)
Radiators:	Brass
Back Panel:	Pass. Aluminum
Radome:	ABS, UV Stabilized
Mounting Hardware:	Galvanized Steel
Color:	Gray

Mounting Options

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

Shipping Information

Packing Size:	82" x 10" x 15" (208 x 25 x 38 cm)
Shipping Weight:	36 lbs (16.4 kg)

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