



DB846H65E-SX

14.5 dBd
Directional Log Periodic Antenna

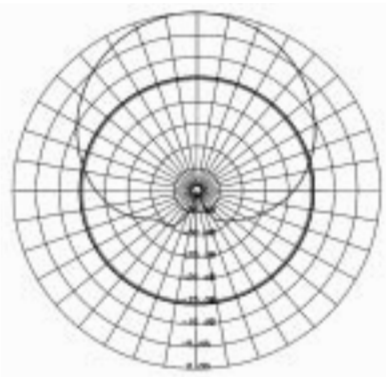
806-896 MHz

dB Director®

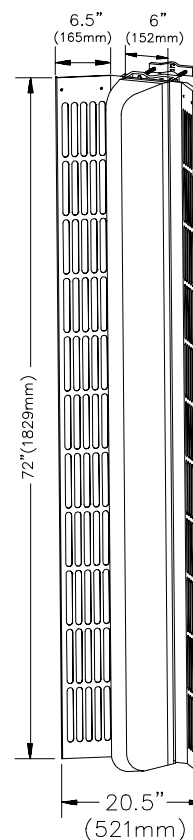
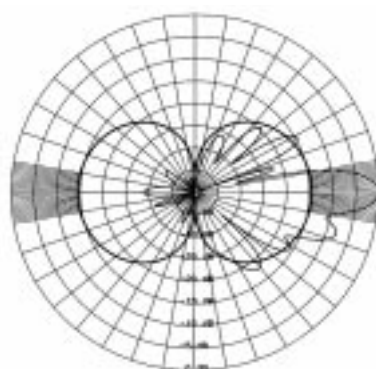
- 806-896 MHz
- 14.5 dBd (15.6 dBi) Gain
- Vertical Polarization
- 65° Azimuth BW
- 11° Elevation BW
- 7/16 DIN
- Cellular, Trunking

65°

Azimuth
(Horizontal)



Elevation
(Vertical)



Electrical

VSWR: < 1.5:1
Front-to-Back Ratio: 30 dB typical
Max. Input Power: 500 Watts
Lightning Protection: All metal parts are grounded.

Mechanical

Weight: 24 lbs (10.9 kg)
Wind Area: 10.1 ft² (0.94 m²)
Frontal Thrust: 404 lbf (1798N) 183.4 kp (at 100 mph)
Lateral Thrust: 170 lbf (756N) 77.1 kp (at 100 mph)
Max. Wind Speed: 125 mph (201 km/h)
Radiators: Brass
Back Panel: Pass. Aluminum
Radome: ABS
Mounting Hardware: Galvanized Steel
Color: Normal: Gray

Mounting Options

Standard: DB390 pipe mount kit (max. 3.5" OD), included.
Downtilt: DB5083 downtilt bracket, optional.

Shipping Information

Packing Size: 74" x 26" x 12" (188 x 66 x 30 cm)
Shipping Weight: 50 lbs (22.7 kg)

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