



DB848F65E-SX

15 dBd
Directional Log Periodic Antenna

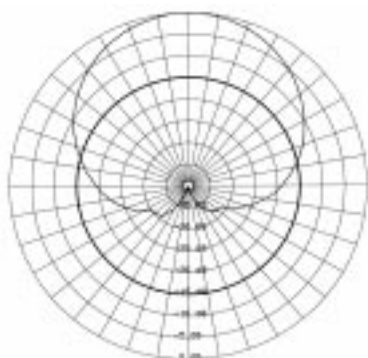
806-896 MHz

MaxFill™
dB Director®

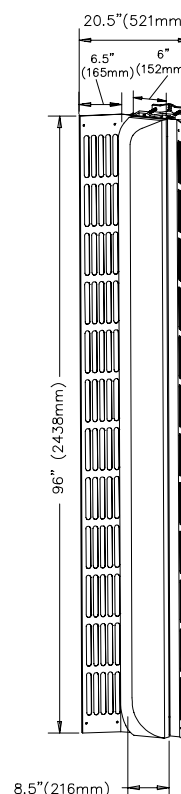
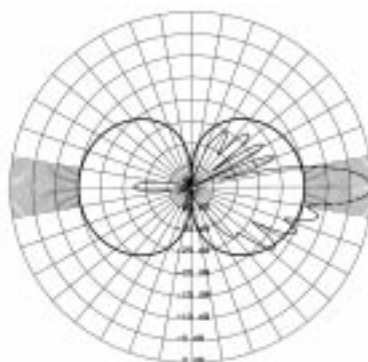
- 806-896 MHz
- 15 dBd (17.1 dBi) Gain
- Vertical Polarization
- 65° Azimuth BW
- 9° Elevation BW
- 7/16 DIN
- Cellular and Trunking

65°

Azimuth
(Horizontal)



Elevation
(Vertical)



Electrical

VSWR: 1.5:1
Null Fill: 11 dB, typical; 14 dB, minimum
USLS: 20 dB, typical
Front-to-Back Ratio: > 40 dB, typical
Max. Input Power: 500 Watts
Lightning Protection: All metal parts are grounded.

Mechanical

Weight: 39 lbs (17.7 kg)
Frontal Wind Area: 13.7 ft² (1.27 m²)
Lateral Wind Area: 5.7 ft² (0.53 m²)
Frontal Thrust: 547 lbf (2432N) 245.6 kp (at 100 mph)
Lateral Thrust: 227 lbf (1008N) 102 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

Standard: DB380-3 pipe mount kit, included.
Downtilt: DB5083D downtilt bracket, optional.

Shipping Information

Packing Size: 98" x 27" x 12" (249 x 69 x 30 cm)
Shipping Weight: 64 lbs (29 kg)

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ISO9001 Compliant