



# DB950G85E-KL

15.9 dBd  
Directional Log Periodic Antenna

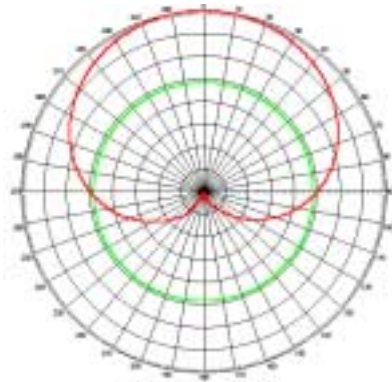
1710-1880 MHz

MaxGain™  
dB Director®

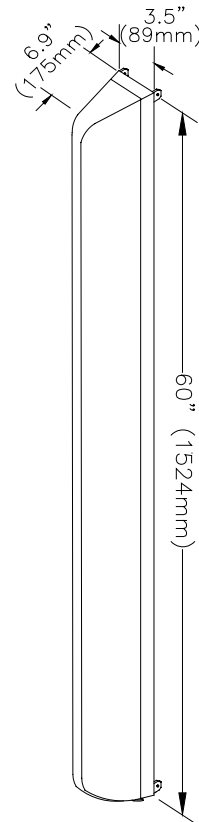
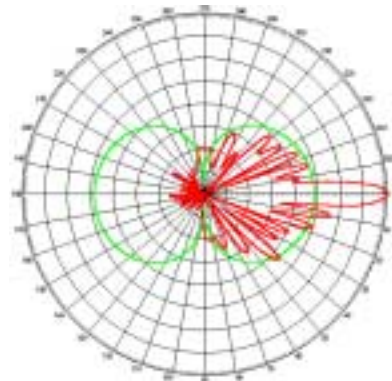
- 1710-1880 MHz
- 15.9 dBd (18.0 dBi) Gain
- Vertical Polarization
- 85° Azimuth BW
- 6.0° Elevation BW
- 7/16 DIN
- PCS

85°

Azimuth  
(Horizontal)



Elevation  
(Vertical)



### Electrical

**VSWR:** 1.4:1  
**USLS:** 18 dB, typical  
**Front-to-Back Ratio:** > 40 dB, typical  
**Max. Input Power:** 250 Watts  
**Impedance:** 50 Ohms  
**Lightning Protection:** All metal parts are grounded.

### Mechanical

**Weight:** 15 lbs (6.8 kg)  
**Frontal Wind Area:** 4.4 ft<sup>2</sup> (0.41m<sup>2</sup>)  
**Lateral Wind Area:** 2.9 ft<sup>2</sup> (0.27 m<sup>2</sup>)  
**Frontal Thrust:** 176 lbf (783N) 79.1 kp (at 100 mph)  
**Lateral Thrust:** 116 lbf (516N) 52.1 kp (at 100 mph)  
**Max. Wind Speed:** 125 mph (201 km/h)  
**Radiators:** PCB  
**Back Panel:** Pass. Aluminum  
**Radome:** ABS, UV Stabilized  
**Mounting Hardware:** Galvanized Steel  
**Color:** Normal Gray

### Mounting Options

**Standard:** DB390 pipe mount kit, included.  
**Downtilt:** DB5098 downtilt bracket, optional.

### Shipping Information

**Packing Size:** 70" x 17" x 11" (178 x 43 x 28 cm)  
**Shipping Weight:** 32 lbs (14.5 kg)

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