



DB948G85E-R

14 dBd
Hybrid Log Antenna

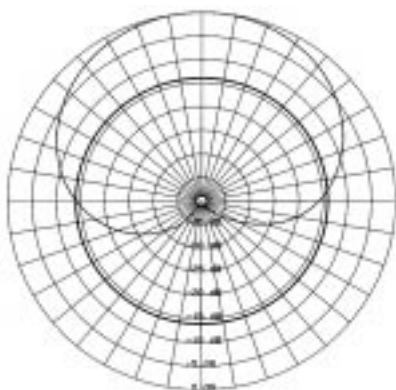
2500-2700 MHz

Datenna™
dB Director®
MaxGain™

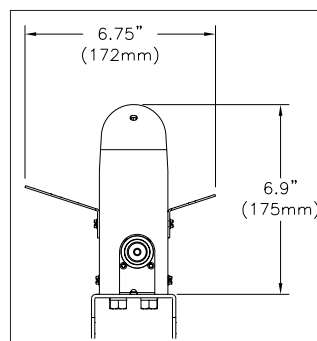
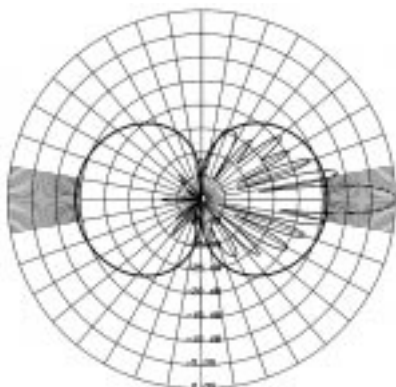
- 2500-2700 MHz
- 14 dBd (16.1 dBi) Gain
- 85° Azimuth BW
- 7° Elevation BW
- 7/16 DIN
- MMDS

85°

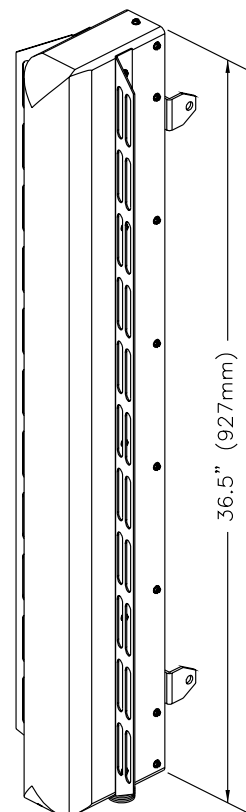
Azimuth
(Horizontal)



Elevation
(Vertical)



Bottom View



Electrical

VSWR:	1.4:1
Cross Polarization:	< -20 dB @ 0° ± 45° < -26 dB @ 90° ± 45° < -32 dB @ 180° ± 45°
Front-to-Back Ratio:	40 dB @ 180° 32 dB @ 135° to 225°
Max. Input Power:	250 Watts
Impedance:	50 Ohms
Lightning Protection:	All metal parts are grounded.

Mechanical

Weight:	7 lbs (3.2 kg)
Frontal Wind Area:	1.7 ft² (0.16 m²)
Lateral Wind Area:	1.7 ft² (0.16 m²)
Frontal Thrust:	68 lbf (302N) 31 kp (at 100 mph)
Lateral Thrust:	68 lbf (302N) 31 kp (at 100 mph)
Max. Wind Speed:	125 mph (201 km/h)
Radiators:	PCB
Back Panel:	Pass. Aluminum
Radome:	ABS, UV Resistant
Mounting Hardware:	Galvanized Steel
Color:	Normal Gray

Mounting Options

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

Shipping Information

Packing Size:	45" x 14" x 8" (114 x 36 x 18 cm)
Shipping Weight:	17 lbs (7.7 kg)

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ISO9001 Compliant