

FEATURES AND BENEFITS

- High performance
- Easy installation with optional FM2
- N Female industry standard connector
- Special UV-treated radome – resists sun damage
- 100% tested on a network analyzer

ELECTRICAL SPECIFICATIONS

Model Name	FG1480
Operating Frequency (MHz)	148-152
VSWR – Max	< 2.0:1
Gain (dBi)	0
Nominal Impedance (Ohms)	50
Max Power - Ambient 25°C (W)	100
Polarization	Vertical
Pattern	Omnidirectional
Elevation Plane 3 dB Beamwidth Port 1	120°
Azimuth Plane 3 dB Beamwidth Port 1	360°

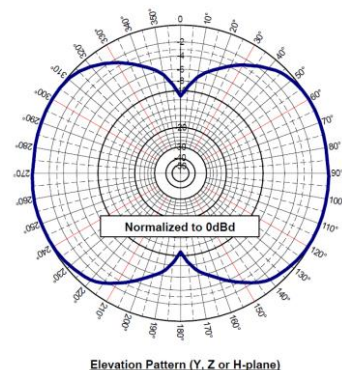
MECHANICAL SPECIFICATIONS

Dimensions – H x D – cm (inches)	185.4 x 3.3 (73.0 x 1.31)
Weight – kg (lbs.)	< 1.81 (< 4.0)
Cable Type	None
Mounting	FM2 mounting kit (sold separately)
Lightning Protection	LABH350NN (sold separately)

ENVIRONMENTAL SPECIFICATIONS

Rated Wind Velocity – km/hr (mph)	210 (125)
Rated Wind Velocity (w/ 0.5" radial ice) – km/hr (mph)	137 (85)
Lateral Thrust @ 125 mph Wind Velocity – kg (lbs.)	26 (57)
Wind Resistance – sq. km (sq. ft.)	6.17 (.6641)
Material Substance Compliance	RoHS

RADIATION PATTERN



FM2 mounting kit
(sold separately)



LABH350NN
(sold separately)

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