



FG1480

Omnidirectional Antennas 148-152 MHz

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)



**FM2 MOUNTING KIT
(SOLD SEPARATELY)**

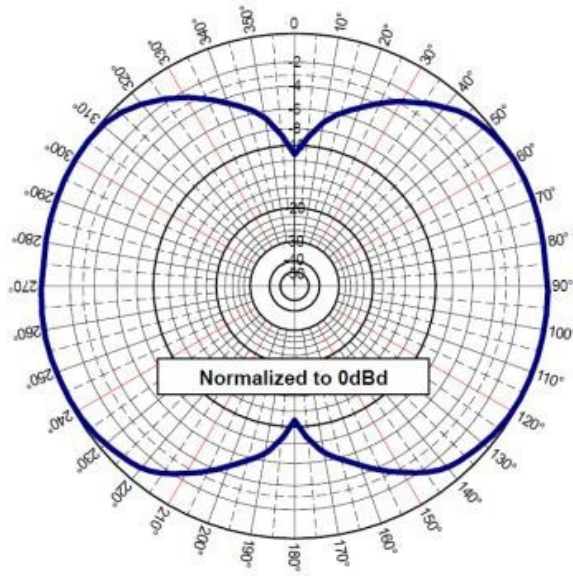


**LABH350NN
(SOLD SEPARATELY)**

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



Elevation Pattern (Y, Z or H-plane)

TE TECHNICAL SUPPORT CENTER

USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico:	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

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