



## 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)***

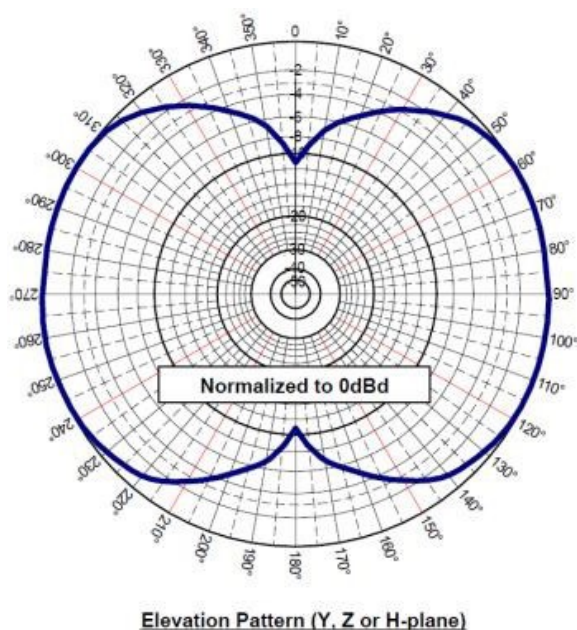


***LABH350NN  
(SOLD SEPARATELY)***

**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



### TE TECHNICAL SUPPORT CENTER

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