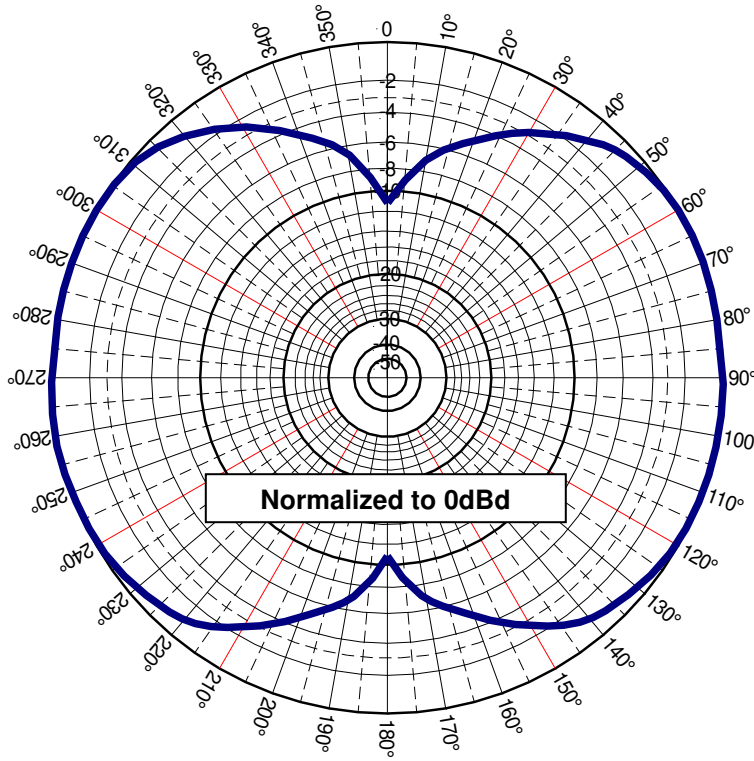


OMNI-DIRECTIONAL ANTENNAS

FG1440 (144 – 148 MHz)



FEATURES

- High Performance
- Easy installation /w optional FM2
- Special UV treated radome, resists sun damage
- N Female industry standard connector
- 100% tested on a network analyzer

Elevation Pattern (Y, Z or H-plane)

ELECTRICAL SPECIFICATIONS

Frequency Range:	144 – 148 MHz
VSWR:	< 2.0:1 Max
Nominal Gain:	0dBd
Maximum Power:	100 W
Nominal Impedance:	50Ω
Polarization:	Vertical
Pattern:	Omni-Directional
Half-Power Beamwidth: (Elevation° x Azimuth°)	120° x 360°
Coaxial Cable Length & Type:	None
Termination:	N-Female connector
Lightning Protection:	Lightning Arrestor LABH350NN (Sold Separately)

MECHANICAL SPECIFICATIONS

Height:	92"
Diameter:	1.310"
Weight:	< 4 lbs
Rated Wind Velocity:	125mph (210kph)
Rated Wind Velocity (with 0.5" radial ice)	85mph (137kph)
Lateral Thrust @ 125mph WIND VELOCITY	57 lbs. (26kg)
Wind Resistance in Sq. Feet:	0.8369 Sq. ft
Mounting Information:	FM2 Mounting Kit (Sold separately)

