Smart Technology. Delivered.

136-139 MHz Omnidirectional Antenna

FG1360



FIBERGLASS BASE STATION ANTENNAS FEATURE INDUSTRY LEADING DESIGN COMPONENTS THAT PERFORM IN EXTREME CONDITIONS

The FG1360 omnidirectional base station antenna incorporates a collinear design that is enclosed in high density fiberglass, which is covered with a protective ultraviolet inhibiting coating. The radiating elements are carefully phased to provide maximum gain in the horizontal plane. The mounting sleeves are tuned to eliminate RF currents from the transmission line, resulting in a "cold" sleeve that allows for greater freedom in mounting. The antenna's high quality and well-focused beam provides the best efficiency with highest gain.

FEATURES

- Every FG fiberglass base antenna is tested on a network analyzer before shipping to assure the best performance
- Custom UV protection coating
- Durable gold anodized sleeve and cap with N-female connector
- FedEx/UPS Shippable

MARKETS

- Omnidirectional outdoor antenna applications used in commercial, public safety, and government applications around the globe
- Typical applications include land based and marine radio and voice and data transmission

ELECTRICAL SPECIFICATIONS	
Frequency Range	136 - 139 MHz
VSWR	< 2.0:1 Max
Nominal Gain	0 dBd
Maximum Power	100 W
Nominal Impedance	50Ω
Polarization	Vertical
Pattern	Omnidirectional
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	< 3 lbs
Rated Wind Velocity	125 mph (210 kph)
Rated Wind Velocity (with 0.5" radial ice)	85 mph (137 kph)
Lateral Thrust @ 125 mph WIND VELOCITY	57 lbs. (26 kg)
Equivalent Flat Plate Area (sq. ft.)	0.8369 sq. ft
Mounting Information	FM2 Mounting Kit, (Sold separately)

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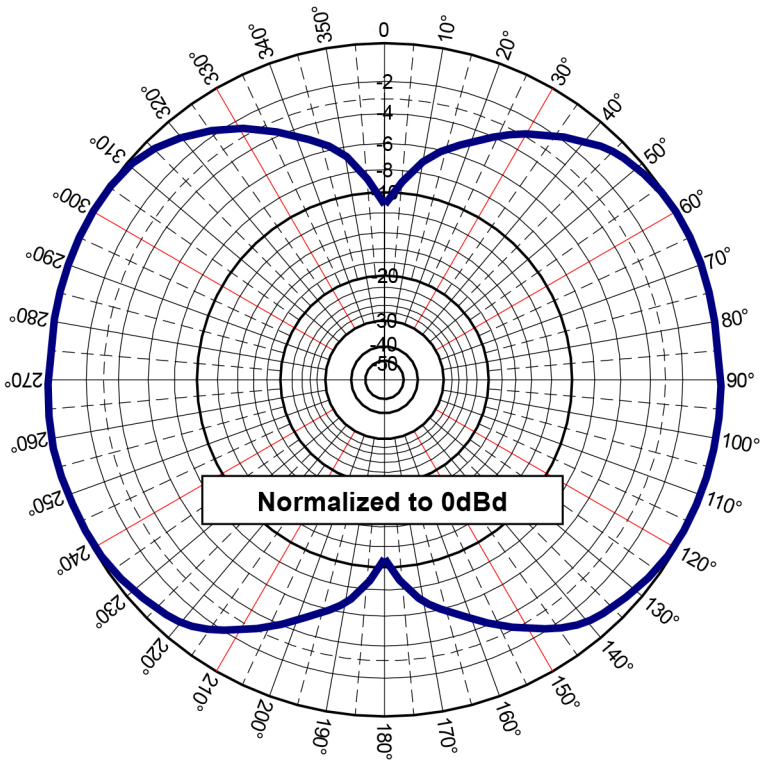
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ELEVATION PATTERN (Y, Z OR H-PLANE)



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