



152-156 MHZ 5 DBI OMNIDIRECTIONAL ANTENNA

FG1523

FIBERGLASS BASE STATION ANTENNAS FEATURE COMPONENTS THAT PERFORM IN EXTREME CONDITIONS

FG1523 omnidirectional base station antennas incorporate 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 possible gain.

FEATURES

- High gain 3 dBd (5dBi)
- Every FG 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 female connector
- FedEx/UPS Shippable

MARKETS

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

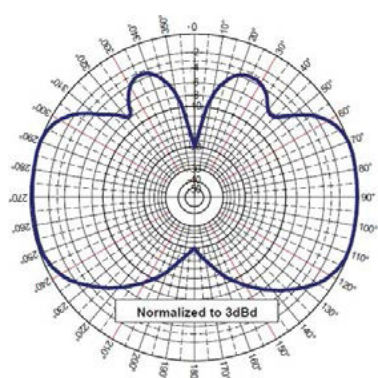
ELECTRICAL SPECIFICATIONS

Frequency Range	152-156 MHz
VSWR	<2.0:1 Max
Nominal Gain	3 dBd (5 dBi)
Maximum Power	200 W
Nominal Impedance	50Ω
Polarization	Vertical
Pattern	Omnidirectional
Half-Power Beamwidth (Elevation° x Azimuth°)	80° x 360°
Coaxial Cable Length & Type	None
Termination	N-Female Connector
Lightning Protection	Lightning Arrestor LABH350NN (Sold Separately)

MECHANICAL SPECIFICATION

Dimensions - DxH cm (in.)	3.33 x 269 (1.31 x 106)
Weight	2.72kg (5.99 lbs)
Rated Wind Velocity	125 mph (210 kph)
Rated Wind Velocity (with 0.5" radial ice)	85 mph (137 kph)
Lateral Thrust @ 1.25 mph wind velocity	57 lbs (26 kg)
Wind Resistance in Sq. Feet	0.9961 sq. ft.
Operating Temperature	FM2 Mounting Kit (Sold separately)

ELEVATION PATTERN (Y, Z OR H-PLANE)



LIGHTNING ARRESTOR (LABH350NN) AVAILABLE SEPERATELY



FM2 MOUNTING KIT AVAILABLE SEPERATELY



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