

SECTOR09011V

Key Features:

- 11 dBi Sectorial Gain
- Special Outdoor Weatherproof Enclosure
- Highest Ingress Protection IP 66
- High Quality Construction
- Minimized Sidelobes Level
- Vertical Polarization
- Heavy-Duty Mounting Elements
- Easy Elevation and Tilt Adjustment
- 5 Years Warranty
- Designed for All Weather Operation



Applications:

- 900 MHz ISM Band
- GSM
- Non Line of Sight (NLOS)
- Cellular
- Point to Multipoint Applications

Description:

Sector antenna working in 900 MHz band with 11 dBi gain vertical polarization. Perfectly designed for operation under severe weather conditions. A proper materials allow operation in the salt water environment without corrosion. Professional mounting system with 0-15 degrees scale guarantees easy and smooth tilt down as well as rock-stable operation.

Electrical Properties

Frequency	900 - 928 MHz
Gain	11dBi
Polarization	Vertical
Beamwidth deg horizontal	90°
Beamwidth deg vertical	32°
VSWR	<1,8
Impedance	50 ohm
Front to back ratio	> 35 dB

Enclosure Properties

Technology:	Microstrip
Material:	UV protected
Colour:	White
Ingress Protection (EN 60529):	IP 66
Min temperature:	-40
Max temperature:	120

Mechanical Properties

Input Connector	N-type / female
Outside Dimensions	580x125x50 mm
Weight	1.5kg

Specification subject to change without notice.



Smart Technology. Delivered.

FG9026 Omnidirectional Antenna

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

Laird's fiberglass base station antennas are collinear designs enclosed in a high density fiberglass, which is covered with a protective ultraviolet inhibiting coating.

The radiating elements are made from high efficiency copper and 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 allowing great freedom in mounting. This high quality and well-focused beam provides the highest gain and best efficiency.

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



ELECTRICAL SPECIFICATIONS	
Frequency Range	902-928 MHz
VSWR	<1.5:1
Nominal Gain	6 dBd
Maximum Power	100 W
Nominal Impedance	50 Ω
Polarization	Vertical
Pattern	Omnidirectional
Half-Power Beamwidth (Elevation° x Azimuth°)	30° x 360°
Termination	N-female Connector
Lightning Protection	Lightning Arrestor LABH350NN (Sold Separately)

MECHANICAL SPECIFICATIONS	
Height	61"
Diameter	1.310"
Weight	0.5 lbs
Rated Wind Velocity	125 mph (210 kph)
Rated Wind Velocity (with 0.5" radial ice)	85 mph (137 kph)
Lateral Thrust@ 125mph	57 lbs (26 kg)
Wind Resistance	0.5549 sq. ft.
Rated Temperature	-55°F to 185°F
Mounting Information	FM2 Mounting Kit (Sold separately)



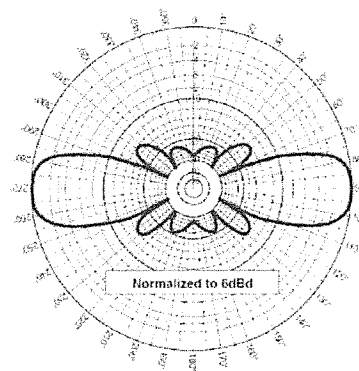
Lightning Arrestor (LABH350NN)



FM2 Mounting Kit



RADIATION PATTERN



Elevation Pattern (Y, Z or H-plane)

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- Model Number: OL-3043-2X
- Brand Name: onelinkmore
- Antenna frequency : 915mhz
- Gain: 2.5 dBi
- Adapter: SMA male
- Polarization Type: Vertical
- Length: 4.8cm
- Origin of Place: China