144-430 MHz, 5.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, Reverse Polarity-SMA Plug Connector

LCANMOB1007-RSP

Features

- Outdoor Rated Omni Directional Antenna
- 5.5 dBi Gain
- Easy to install magnetic mount offering temporary plug and play installation
- NMO Magnetic Mount, Black ABS Radome
- 1.5:1 VSWR Max
- 10 Foot, Black Low-Loss LMR195 Equivalent Cable
- Reverse Polarity-SMA Plug Connector

Applications

- Offroad/Overland Vehicles
- Mining/Industrial
- Heavy Equipment
- Commercial Trucking
- Fleet Management
- Farm Equipment

Description

The L-com LCANMOB1007-RSP is an omnidirectional antenna with a magnetic NMO mount specifically designed for high-performance applications. This vertically polarized omni antenna with NMO mount is available in black color. Our high-quality antenna can operate at frequencies ranging from 144 to 430 MHz, which is ideal for indoor low-profile, in-building, and mobile applications. This non-infrastructure antenna has a 5.5 dBi gain, which transmits high-power signals and faster speed. This vertically polarized omni antenna with NMO mount is available in white color.

The LCANMOB1007-RSP in-building antenna from L-com features an NMO-type magnetic mount, which is ideal when the portability of the antenna is required. This NMO antenna mount is constructed with a heavy-duty magnet to ensure secure mounting. No drilling is required for the installation of this antenna mount, making it easy to fine-tune the antenna location. The magnetic base is easy to install and offers a temporary plug-and-play installation. Our magnetic mount comes with a reverse polarity SMA plug connector and can be used for WLAN, Wi-Fi, public safety, and mobile RF applications.

L-com has one of the largest in-stock selection of omnidirectional antennas with same-day shipment. Use our on-line ordering system to purchase your LCANMOB1007-RSPantenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities). For further information on similar products, our expert technical support and knowledgeable sales team can help you get the ideal vertically polarized antenna with a magnetic NMO mount for your requirements.

Configuration

Design	Omni
Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	SMA Reverse Polarity
Number of Ports	1

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	144		430	MHz
Input VSWR			1.5:1	

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
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Gain	5.5		dBi
Input Power		50	Watts

.

Mechanical Specifications

Radome Material	Stainless Steel
Size	
Length	36.24 in [920.5 mm]
Width	3 in [76.2 mm]
Height	3 in [76.2 mm]
Weight	1.35 lbs [612.35 g]

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

144-430 MHz, 5.5 dBi Gain, Omni-directional Antenna with Magnetic NMO Mount, Reverse Polarity-SMA Plug Connector from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

L-com CAD Drawing