



MEAX-5GNR-MM

5GNR Magnetic Mount
Part #: 100-00233-01

Description

The MEA-5GNR-MM magnet Mount Antenna is a 5GNR antenna solution, with high gain and efficiency ideal for maintaining constant mobile connectivity. The MEA-5GNR-MM covers all 5G, 4G, 3G and 2G frequencies. This is an ideal antenna for telematics systems, remote surveillance, asset tracking and any IOT system applications. The high performance make this antenna ideal for the most challenging installations.

This magnet mount antenna is easy to install with maximum durability. The MEA-5GNR-MM has one cable with a SMA-Male standard connector, 3m standard cable length and is fully customizable by offering additional connector types, cable lengths and cable types.

Electrical Specification

Parameter	Specification	
Center Frequency	617-960 MHz	1427-2690 MHz
Band	600, 700, 850, 900 MHz	1500, 1600, 1700, 1800, 1900, 2000, 2100, 2300, 2500, 2600 MHz
Return Loss	-8.9 dB	-15.1 dB
VSWR	3.1:1	1.9:1
Efficiency	50.7%	60.1%
Peak Gain	0.3 dBi	3.4 dBi
Average Gain	-3.4 dB	-2.4 dB
Center Frequency	3300-5000 MHz	5150-5925 MHz
Band	3300, 3500, 3600, 3700, 4500 MHz	5200, 5500, 5800 MHz
Return Loss	-11.7 dB	-5.1 dB
VSWR	1.9:1	3.6:1
Efficiency	31.7%	21.1%
Peak Gain	1.5 dBi	0.1 dBi
Average Gain	-5.1 dB	-6.8 dB
Impedance	50 Ω	
Polarization	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power	35 W	



Features

- 5GNR Frequency Range
- Easy mounting: Magnetic Mount
- High Performance
- Ground Plane Independent
- Customized Cable and Connector
- Low profile : Ø 54 x 80 mm
- IP67, IP69

Applications

- Asset Tracking
- Telematics
- Container & Logistics
- Automotive
- Industrial Applications
- IOT Applications

Mechanical Specification

Parameter	Specification
Antenna Dimensions	Ø 54 x 80 mm
Weight	106 g
Operating Temperature	-40°C to + 85°C
Mounting Type	Magnetic Mount
Connector	SMA-Male
Cable	LL110
Radome	ASA / Black
Antenna Base	Zamak
Substance Compliance	RoHS
Certificates	IP67, IP69

