



MEA-5G NR-LP-WM

5G NR antenna Wall Mount

Part #: 100-00231-01

Description

The MEA-5G NR-LP-WM Wall Mount Antenna is a 5G NR antenna solution, with high gain and efficiency ideal for maintaining constant mobile connectivity. The MEA-5G NR-LP-WM 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 wall mount antenna is easy to install with maximum durability. The MEA-5G NR-LP-WM has one cable with a SMA-Male standard connector, 1m 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	-8.3 dB	-13.0 dB
VSWR	2.4:1	1.8:1
Efficiency	66.6%	62.6%
Peak Gain	3.9 dBi	4.0 dBi
Average Gain	-1.8 dB	-2.1 dB
Center Frequency	3300-5000 MHz	5150-5925 MHz
Band	3300, 3500, 3600, 3700, 4500 MHz	5200, 5500, 5800 MHz
Return Loss	-14.1 dB	-11.9 dB
VSWR	1.7:1	1.9:1
Efficiency	40.6%	32.4%
Peak Gain	3.9 dBi	3.9 dBi
Average Gain	-4.1 dB	-4.9 dB
Impedance	50 Ω	
Polarization	Linear	
Radiation Pattern	Omni-Directional	
Max. Input Power	35 W	

Features

- 5G NR Frequency Range
- Wall Mount
- High Performance
- 4.0 dBi 5G NR Peak Gain
- Ground Plane Independent
- Customized Cable and Connector
- Antenna Bracket Included
- 272 × 30 × 115 (220 × Ø 16) mm
- IP67

Applications

- Asset Tracking
- Telematics
- Container & Logistics
- Automotive
- Industrial Applications
- IOT Applications
- Data terminals
- Smart devices
- ATM machines

Mechanical Specification

Parameter	Specification
Antenna Dimensions	272 × 30 × 115 (220 × Ø 16) mm
Operating Temperature	-40°C to + 85°C
Mounting Type	Wall Mount
Connector	SMA-Male
Cable	LL195
Radome	ASA / Black
Antenna Base	Brass
Substance Compliance	RoHS
Certificates	IP67

