

MEA-698-3800-CM

Indoor Omnidirectional Antenna

Part #: 100-00187-01

Description

The MEA-698-3800-CM is a high performance very robust antenna solution. This is a ceiling mount antenna covering 698MHz – 3800MHz featuring N female connector. The MEA-698-3800-CM antenna is IP65 rated and therefore very suitable for challenging outdoor environments and installations. The omnidirectional antenna MEA-698-3800-CM is designed for broadband in-building DAS applications in building coverage supporting 4G and 5G wireless communication networks. It is very lightweight antenna ideal for easy ceiling mounting.

Electrical Specifications

Parameter	Specification	
Frequency Range	698-960 MHz	1427-2700MHz 3400-3800MHz
Gain	2.0 ± 0.5 dBi	5 ± 1 dBi
VSWR	< 1.8	< 1.5; < 1.8
V-Beamwidth	60°	30°
H-Beamwidth	360°	360°
Radiation Pattern	Omni-Directional	Omni-Directional
Omni-Directional	Vertical	Vertical
Impedance	50 Ω	
Max Power	150 W	

Mechanical Specification

Parameter	Specification
Antenna Dimensions	Ø 185 x 90 mm
Operating Temperature	-40°C to 70°C
Weight	0.25 Kg
Cable Length	335 ± 20 mm
Mount	Ceiling Mount
Termination	N Female or 4.3-10 Female
Substance Compliance	RoHS
Certificates	IP65, IP50



Features

- Wideband Omni antenna
- Frequency bands: 698-960/1427-2700MHz/3400-3800MHz
- Compact and light weight
- Excellent performance
- Ceiling mounting
- N-female connector
- IP65

Applications

- Industrial IoT
- Public Safety & Security
- Utilities & Smart Connected Cities
- Fleet Management & Tracking
- FirstNet



