

AOA-4G-5MGN-SMM

Wideband Magnetic-Mount Cellular Antenna

FREQUENCY

698-960 / 1710-3500 MHz

GAIN

2.15 / 5 / 4 / 3 dBi

CONNECTOR

SMA Male

Product Overview

Compact wideband magnetic-mount antenna for 2G/3G/4G/5G LTE. It uses omnidirectional radiation with vertical polarization and is intended for operation on a conductive ground plane, while acceptable results are also stated for desk placement. The magnetic base supports mobile and fixed installations.

APPLICATIONS

- Car and RV installations
- Vending machines and surveillance
- IoT, utilities and fleet systems
- Public safety, smart city and industrial use

Technical Specifications

Frequency Range	698-960 MHz 1710-3500 MHz
Gain	2.15 dBi @ 698-960 MHz 5 dBi @ 1710-2170 MHz 4 dBi @ 2400-2700 MHz 3 dBi @ 2800-3500 MHz
VSWR	<= 2.5
Radiation	Omnidirectional
Polarization	Vertical
Maximum Input Power	50 W
Impedance	50 ohm
RF Connector	SMA Male
Cable Type / Length	RG58U / 3 m (9.8 ft)
Mounting	Magnetic mount
Dimensions	Dia. 110 x 120 mm
Weight	900 g
Operating Temperature	-40 C to 70 C
Rated Wind Velocity	80 m/s

Antenna Pattern

