

## MA-WO4760-SISO

### 470-6000 MHz Wide Band SISO Omni Antenna

MARS SISO Omni Antenna provides coverage of 470-6000 MHz in a single antenna radome. 4G, 3G, 2.5G and 2G cellular, as well as ISM, WLAN, UNII, Bluetooth, Wi-Fi, WMTS IMT-MC450, TVWS, LTE and CBRS.

OnGo Certified Systems.

The SISO Omni Antenna is easy-installed on ceiling or 2" Pole Mount and is highly recommended as an outstanding logistic solution for In-Building and outdoor installations and applications.

Additional Features:

- Low/mid gain.
- UV protected radome made of polycarbonate.
- Low profile.



### Specifications

#### Electrical

Frequency Range	470-6000 MHz
GAIN, typ	0.5-5 dBi @ 470-1200 MHz 6 dBi @ 1200-1900 MHz 7 dBi @ 1900-3300 MHz 8dBi @ 3300-6000 MHz
VSWR	3:1 max.@470-510 MHz ; < 2.2:1 @500-6000 MHz
Polarization	Linear, Vertical
Input power, max	50 Watt
3 dB Beam Width-Plane	Omni directional
Input Impedance	50 Ohm
PIM, 3rd order, 2X20W	-150 dBc

Antenna dimension (D x H)	120 x 146 mm (4.72" x 5.78")
Weight	150 gr.
Connector	See Ordering Option
Back Plane	Aluminum, protected through chemical passivation
Radome	UV Protected Polycarbonate
Mounting	See Ordering Option

#### Environmental

Operating Temperature Range	-40°C to +65°C
Wind Load	200 Km/h (Survival)
Vibration	According to IEC 60721-3-4
Water Proofing	IP-67 (for outdoor use only)
Flammability	UL94
Salt Fog	According to IEC 68-2-11
Humidity	ETS 300 019-1-4, EN 302 085 (Annex A.1.1)

### Ordering Options

MA-WO4760-SISO	Antenna for Indoor with N-Type Female connector and Ceiling mount
MA-WO4760-SISO-N	Antenna for Indoor with 4.3-10 Female connector and Ceiling mount
MA-WO4760-SISO-R	Antenna for Outdoor with N-Type Female connector and 2" Pole/Wall mount
MA-WO4760-SISO-NR	Antenna for Outdoor with 4.3-10 Female connector and 2" Pole/Wall mount
MA-WO4760-SISO-NA	12" Coaxial Plenum Rated Pigtail with 4.3-10, Female Connector and Ceiling Mount

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