

MA-WO3860-SISO

380-6000 MHz Wide Band SISO Omni Antenna

MARS SISO Omni Antenna provides coverage of 380-6000 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	380-6000 MHz
GAIN, typ	0.5-5 dBi @ 380-1200 MHz 6 dBi @ 1200-1900 MHz 7 dBi @ 1900-3300 MHz 8dBi @ 3300-6000 MHz
VSWR	2.5:1 max. @380-500 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-WO3860-SISO	Antenna for Indoor with N-Type Female connector and Ceiling mount
MA-WO3860-SISO-N	Antenna for Indoor with 4.3-10 Female connector and Ceiling mount
MA-WO3860-SISO-R	Antenna for Outdoor with N-Type Female connector and 2" Pole/Wall mount
MA-WO3860-SISO-NR	Antenna for Outdoor with 4.3-10 Female connector and 2" Pole/Wall mount
MA-WO3860-SISO-NA	12" Coaxial Plenum Rated Pigtail with 4.3-10, Female Connector and Ceiling Mount
MA-WO3860-SISO-A	12" Coaxial Plenum Rated Pigtail with N-Type, Female Connector and Ceiling Mount

- For band 380-470 MHz please use the attached part supplied in the antenna package and used during the installation

MARS Antennas & RF Systems proprietary information

MARS reserves the right to make technical changes or modifications to any of its products and specifications without prior notice and without implementing such changes to prior supplied products. Product images are representative and indicative only. Warranty terms and general conditions of sale are applicable on any purchase of any product, available on MARS website.

3 Hamanor st. Holon 5886103, P.O.Box 1852 Holon 5811801, Israel

Tel: +972-3-5599661 • Fax: +972-3-5599677 • e-mail: mars@marsant.co.il • web: www.mars-antennas.com