

## MA-WA56-MIMO5-14

### 5.1-5.9 GHz Subscriber Antenna 5MIMO

MARS subscriber 5MIMO antenna provides coverage of 5.1-5.9 GHz in a single antenna radome.

Additional Features:

- Mid/High gain.
- Light weight and durable construction.
- UV protected radome made of polycarbonate.



Can be customized per customer requirements

## 802.11 ac standard applications approved

### Specifications

#### *Electrical*

Frequency range	5.1-5.9 GHz
GAIN, typ.	5 x 13.5 dBi
VSWR, max.	1.7 : 1
Polarization	Linear, Vertical & 2 x Dual Slant ( $\pm 45^\circ$ )
3dB Beam-Width, H-Plane, typ.	35°
3dB Beam-Width, E-Plane, typ.	35°
Side Lobes, min.	-10 dB
Cross Polarization, typ.	-15 dB
Front to Back Ratio, min.	-20 dB
Port to Port Isolation, min.	-25 dB
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

#### *Mechanical*

Dimensions (HxWxD)	305 x 305 x 15 mm (12" x 12" x 0.6")
Connector	5 x N-Type ,Female
Weight	840 gr.
Mounting	See Ordering Options
Radome	UV Protected Polycarbonate
Back Plane	Aluminum protected through chemical passivation.

#### *Environmental*

Operating Temperature Range	-55°C to +65°C
Vibration	According to IEC 60721-3-4
Wind Load	200 Km/h (Survival)
Flammability	UL-94
Water Proofing	IP-67
Humidity	ETS 300 019-1-4, EN 302 085 (Annex A.1.1)
Salt Fog	According to IEC 68-2-11

### Ordering Options

MA-WA56-MIMO5-14	Antenna 5 x N-Type Female connectors Suited for MNT-22 mount
MA-WA56-MIMO5-14B	Antenna 5 x N-Type Female connectors with MNT-22 mount

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