



## 4.9 -5.875 GHz Omni – Directional Base Station Antenna MA-WO55-10

**MARS 5.8 GHz Base Station Antenna** provides a cost effective solution for large scale WLL, WLAN, ISM and Point-to-Multi Point applications. UV protected radome allowing for harsh environment installations. Antenna features stable performance with exceptional 10 dBi of gain.

### Applications:

- MESH Networks
- Point-to-Point Applications



### Specifications:

<i>Electrical</i>	
Frequency range	4.9-5.875 GHz
GAIN, typ.	10 dBi
VSWR, max.	4.9-5.15 GHz @ 2: 1 5.15-5.875 GHz @ 1.8:1
Polarization	Linear, Vertical
3 dB Beam-Width, H-Plane, typ.	Omni - Directional
3 dB Beam-Width, E-Plane, typ.	10°
Input power, max	50 Watt
Input Impedance	50 Ohm
<i>Mechanical</i>	
Dimensions (HxDia.)	330 x 46 mm (16.5" x 1.3")
Weight	230 gr.
Connector	N-Type, Female
Radome	UV Protected Plastic
Mount	2.5" PM (End) Attachment
<i>Environmental</i>	
Operating Temperature Range	- 40°C to + 65°C
Vibration	According to IEC 60721-3-4
Wind Load	200 km/h (survival)
Flammability	UL94
Water Proofing	IP-65
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
Salt Fog	According to IEC 68-2-11
Ice and Snow	25mm radial (survival)
Service Life	>10 years

Specifications subject to change without notice