

**MA-WO12-DP5**  
**1.2-1.45 GHz Dual Polarization Omni Directional Antenna**

MARS 1.2-1.45 GHz Dual Polarization Omni Directional Antenna provides a stable and efficient performance with 5dBi of gain and cost effective solution.



**Specifications**

<b>Electrical</b>	
Frequency range	1.2 -1.45 GHz H-Pole ; 1.15-1.7 GHz V-Pole
GAIN, typ.	5 dBi
VSWR, max.	2 : 1
Polarization	Dual Pole Vertical & Horizontal
3 dB Beam-Width Azimuth, typ.	Omni – Directional
3 dB Beam-Width Elevation, typ.	33°
Port to Port Isolation, typ.	-30 dB
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
<b>Mechanical</b>	
Dimensions (H x Dia.)	742 x 116 mm (29.2"x 4.57")
Weight	1.7 Kg.
Connector	2 x N-Type Female
Radome	UV Protected Plastic
Mount	2" Pole Mount
<b>Environmental</b>	
Operating Temp. Range	-40°C to +65°C
Vibration	According to IEC 60721-3-4
Flammability	UL94
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
Water Proofing	IP-65
Wind Load	200 km/h (survival)