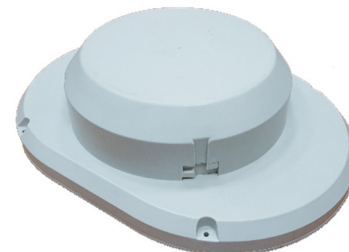


## MA-WO12-DP5V

### 1.2 – 1.45 GHz Dual Polarization Omni Directional Antenna

MARS MA-WO12-DP5V is a Dual Polarization OMNI Directional Antenna covering 1.2-1.45 GHz providing a stable and efficient performance with 5dBi of gain.



## Specifications

### Electrical

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
3 dB Beam-Width Azimuth, typ.	Vertical & Horizontal
3 dB Beam-Width Elevation, typ.	Omni - Directional
Port to Port Isolation, typ.	60°
Input power, max.	-30 dB
Input Impedance	10 Watt
	50 Ohm

### Mechanical

Dimensions (L x W x H )	369 x 270 X 95 mm (14.52" x 10.63 x 3.74 ")
Weight	900 gr.
Connector	2 x N-Type Female
Radome	UV Protected Polycarbonate
Mount	Holes on base

### Environmental

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-67
Wind Load	200 km/h (survival)

MARS Antennas & RF Systems proprietary information

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