

MA-WO11-5

1 -1.4 GHz Vertical Omni Directional Antenna

MARS MA-WO11-5 is an Vertical OMNI Directional Antenna covering from 1GHz up to1.4 GHz in a single antenna radome. Perfect matching with any additional ground plane. Pattern: Omni Directional with any elevation up tilted in the frequency band.



Specifications

Electrical

Frequency Range	1.0 -1.4 GHz
GAIN, typ.	5 dBi
VSWR, max.	2 : 1
Polarization	Vertical
3 dB Beam-Width, Azimuth, typ.	360°
3 dB Beam-Width, Elevation, typ.	30°
Input power, max.	50 Watt
Lightning Protection	DC Grounded
Input Impedance	50 Ohm

Mechanical

Dimensions (H x D.)	516 x 76 mm
Base Dimensions (H x D)	5 x 130 mm
Weight	1.2 Kg
Connector	N-Type, Female
Base	Aluminum protected through chemical passivation
Radome	UV Protected Plastic
Mounting	6 holes on base

Environmental

Operating Temperature Range	-40°C to +70°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

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