

MA-WO26-9

2.4 – 2.7 GHz Omni Directional Antenna

Reinforced Antenna for harsh
Environmental installation



Specifications

<i>Electrical</i>	
Frequency Range	2.4 – 2.7 GHz
GAIN	9 ± 1 dBi
VSWR, max.	2 : 1
Polarization	Vertical
3 dB Beam-Width, Azimuth, typ.	Omni Directional
3 dB Beam-Width, Elevation, typ.	10°
Input power, max.	50 Watt
Lightning Protection	DC Grounded
Input Impedance	50 Ohm

<i>Mechanical</i>	
Dimensions (HxDia.)	670 x 76 mm
Base Dimensions (HxD)	5 x 130 mm
Weight	1.6 Kg
Connector	N-Type, Female
Base	Aluminum protected through chemical passivation with painting
Radome	ABS with painting
Mounting	NATO holes pattern

<i>Environment</i>	
Operating Temperature Range	-32°C to +55°C
Storage Temperature	-40°C to +70°C
Vibration	According to MIL-STD-810G, Method 514.7, Cat 4, 7, 10, 11
Wind	90 Km/hr. 120 km/h (survival)
Water Proofing	IP-66
Altitude	According to MIL-STD-810G, Method 500.6 (3500m above sea level)
Humidity	According to MIL-STD-810G, Method 507.6
Salt Fog	According to MIL-STD-810G, Method 509.6
Solar Radiation	According to MIL-STD-810G, Method 505.6, Procedure II
Rain	According to MIL-STD-810G, Method 506.6, Procedure I, Operating 12.7mm rain/hr, Non-Operating 100mm rain/hr
Sand and Dust	According to MIL-STD-810G, Method 510.6, Procedure I,II
Fungus	Declaration by manufacturer
Snow	According to MIL-HDBK-310
Icing	According to MIL-STD-810G, Method 521.4
Contamination by Fluid	According to MIL-STD-810G, Method 504.2
Mechanical Shock	According to MIL-STD-810G, Method 516.7
Acoustic Noise	According to MIL-STD-810G, Method 515.7, Procedure Ia

Ordering Options

MA-WO26-9_0	Antenna painted in FED-STD-595#34094 (GREEN) color
MA-WO26-9_1	Antenna painted in FEDERAL STD. 33531 color

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