

MT-361007/NV/A

2.5-2.7 GHz 7 dBi Omni directional Antenna

Electrical

Regulatory Compliance	RoHS, CE 0682
Frequency Range	2.5 – 2.7 GHz
Peak Gain	7 dBi min
Azimuth Ripple	±1.5 dB max
VSWR	2:1 max
Azimuth Beamwidth	360°
Polarization	Linear Vertical
E - Plane Beamwidth	20 deg typ
Input Impedance	50 ohm
Power	10 W max
Lightning Protection	DC Grounded

Mechanical

Dimensions	Diameter	Ø 28 mm max
	Height	340 max
Weight		0.2 Kg max
Connector		N- type male
Radome		Plastic, UV Resistant

Environmental

Test	Standard	Duration	Temperature	Notes
Low Temperature	IEC 68-2-1	72 h	-55 °C	
High Temperature	IEC 68-2-2	72 h	+71 °C	
Temp. Cycling	IEC 68-2-14	1 h	-45°C to +70°C	3 Cycles
Vibration	IEC 60721-3-4	30 min/axis		Random 4M5
Shock Mechanical	IEC 60721-3-4			4M5
Humidity	ETSI EN300-2-4 T4.1E	144 h		95%
Water Tightness	IEC 529			IP67
Solar Radiation	ASTM G53	1000 h		
Flammability	UL 94			Class HB
Salt Spray	IEC 68-2-11 Ka	500 h		
Ice And Snow				25mm Radial
Wind Speed				
Survival				220 Km/h
Operational				160 Km/h

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