

MT-341019/N/A

2.3 – 2.7 GHz 5.5 dBi Omni Directional Antenna

Electrical

Regulatory Compliance	RoHS, CE 0682
Frequency	2.3 – 2.7 GHz
Gain	5.5 dBi min
VSWR	1.7:1 max @ 2.3 - 2.65 GHz 2:1 max @ 2.65 - 2.7 GHz
Azimuth Beam Width	360°
Azimuth Ripple	±1 dB max
Polarization	Linear Vertical
E-Plane Beam Width	25° typ
Elevation Squint	-4° typ @ 2.3 GHz 0° typ @ 2.4 - 2.5 GHz 4° typ @ 2.6 GHz 8° typ @ 2.7 GHz
Input Impedance	50 ohm
Input Power	6 W max
Lightning Protection	DC Grounded

Mechanical

Dimensions	Ø 28 x 255 mm max
Weight	0.2 kg max
Connector	N-type Male
Radome	Plastic

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 +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				25 mm Radial
Wind Speed	Survival			220 Km/h
	Operation			160 Km/h

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