

MT-385003/NV

3.3 – 3.5 GHz 18 dBi 60° Sector Antenna

Electrical

Regulatory Compliance	RoHS, CE 0682
Frequency	3.3 – 3.5 GHz
Gain	18 ± 0.5 dBi min
VSWR	1.5:1 max
3 dB Azimuth Beam Width	60 ± 4°
3 dB Elevation Beam Width	7 ± 0.5°
Polarization	Linear Vertical
F/B Ratio	-25 dB max
Input Impedance	50 ohm
Input Power	6 W
Lightning Protection	DC Grounded

Mechanical

Dimensions	650 x 120 x 70 mm max
Weight	2.5 kg max
Connector	N - type Female
Radome	Plastic
Base Plate	Aluminum with chemical conversion coating

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			IP64
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
Wind Load	Front Thrust			22.3 kg
Survival	Side Thrust			13 kg

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