

# MT076002V0

6.725-8.5 GHz 2 dBi OMNI Antenna

## Electrical

Regulatory Compliance	RoHS , CE
Frequency	6.725 - 8.5 GHz
Gain	2 dBi typ
VSWR	2:1
Azimuth Beam Width	Omni
Elevation Beam Width	80° typ
Side Lobes	-12 dB max
XPD	20 dB
Polarization	Linear Vertical
Input Power	6 W max

## Mechanical

Dimensions	Ø28 x 125 mm max
Weight	150 g max
Connector	N- Type Female
Radome	Plastic
Mounting Kit	Not Included

## 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		
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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