

MT-221010S

698 - 746 MHz 2 dBi Indoor Omni Directional Antenna

Electrical

Regulatory Compliance	RoHS, CE 0682
Frequency	698 – 746 MHz
Gain	2 dBi min
VSWR	1.5:1
3 dB Beam Width	Azimuth – 360° Elevation – 70° typ
Polarization	Vertical
Input Impedance	50 ohm
Input Power	6 W max

Mechanical

Dimensions	325 x 92 x 15 mm max
Weight	0.6 kg max
Connector	SMA Female
Azimuth Adjustment	± 45°
TILT Adjustment	± 15°
Plastic Materials	P.C+ ABS

Environmental

Test	Standard	Duration	Temperature	Notes
Low Temperature	IEC 68-2-1	72 h	-20 °C	
High Temperature	IEC 68-2-2	72 h	+55 °C	
Temp. Cycling	IEC 68-2-14	1 h	-20 °C +55 °C	3 Cycles
Vibration	IEC 60721-3-4	30 min/axis		Random 4M3
Shock Mechanical	IEC 60721-3-4			4M3
Humidity	ETSI EN300-2-4 T4.1E	144 h		50%
Water Tightness	IEC 529			IP32
Solar Radiation	ASTM G53	1000 h		
Flammability	UL 94			V0

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