

MT-262062/TRH/A/K

902 – 928 MHz 8.5 dBic RHCP Reader Antenna

Electrical

Regulatory Compliance	RoHS, CE 0682
Frequency	902 - 928 MHz
Gain	8.5 dBic min, 9.5 dBic max
VSWR	1.2:1 max
3 dB Beam Width	65° typ
Polarization	RHCP
Axial Ratio	1 dB typ, 1.5 dB max
F/B Ratio	-18 dB max
Input Impedance	50 ohm
Input Power	6 W max
Lightning Protection	DC Grounded

Mechanical

Dimensions L x W x D	305 x 305 x 25 mm max
Weight	1.2 Kg max
Connector	TNC Jack Reverse Polarity
Radom	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 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	UL94			Class HB
Salt Spray	IEC-68-2-11 Ka	168 h		
Ice and Snow				25 mm Radial
Wind Speed: Survival Operation				220 Km/h 160 Km/h
Wind Load Survival: Front Thrust Side Thrust				26.8 kg 2.2 kg

* For outdoor installations that require mounting the antenna horizontally facing ground, please contact MTI representative for the dedicated P/N

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