

MT008R06RH

Ant. 865-870MHz 5.5dBic RHCP Reader



Wireless Edge

Antenna Solutions

An MTI Company

Electrical

Regulatory Compliance	RoHS, CE0682
Frequency	865-870 MHz
Gain	4.5 dBic typ
VSWR	1.3 : 1 typ
Azimuth Beam Width	80° typ
Elevation Beam Width	80° typ
Polarization	RHCP
Axial Ratio	1.5 dB typ
F/B Ratio	12.5 dB typ
Impedance	50 Ω
Input Power	5 W
Lightning Protection	DC Grounded

Mechanical

Dimensions	150 x 150 x 14 mm
Weight	0.5 Kg max
Interface	SMA Female on side
Radome	Plastic
Mounting Kit	Flush mounted

Environmental

Test	Standard	Duration	Temperature	Notes
Low Temperature	IEC 68-2-1	72 h	-45 °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
Humidity	ETSI EN300-2-4 T4.1E	144 h		95%
Water Tightness	IEC 529			IP54
Salt Spray	IEC 68-2-11 Ka	500 h		

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