

MT-262033/NRH

950 – 956 MHz 7.5 dBic RHCP Reader Antenna

Electrical

Regulatory Compliance	RoHS, CE 0682
Frequency	950 – 956 MHz
Gain	7.5 dBic min , 8.5 dBic max
VSWR	1.3:1 typ, 1.5:1 max
3 dB Beam Width	Azimuth: 75° typ Elevation: 73° typ
Polarization	RHCP
Axial Ratio at Boresight	2 dB typ , 3 dB max
Axial Ratio @ ±30°	4 dB max
F/B Ratio	-18 dB max
Input Impedance	50 ohm
Input Power	6 W max
Lightning Protection	DC Grounded

Mechanical

Dimensions LxWxD	190 x 190 x 30 mm max
Weight	0.8 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 to +70°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		95%
Water Tightness	IEC 529			IP54*
Solar Radiation	ASTM G53	1000 h		
Flammability	UL 94			Class HB
Salt Spray	IEC-68-2-11 Ka	50 h		
Ice and Snow				25 mm Radial
Wind Speed: Survival Operation				220 Km/h 160 Km/h

* IP67 available upon request

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