



MT-262008/TRLH/A 902-928 MHz, 9 dBic DUAL RHCP+LHCP READER ANTENNA



ELECTRICAL

REGULATORY COMPLIANCE	RoHS, CE 0682
FREQUENCY RANGE	902 - 928 MHz
GAIN	9 dBic (typ)
VSWR	1.5 : 1 (max) 1.3 : 1 (typ)
POLARIZATION	DUAL RHCP+LHCP
3DB ELEVATION BEAMWIDTH	70° (typ)
3DB AZIMUTH BEAMWIDTH	58° (typ)
AZIMUTH BORESIGHT MISALIGNMENT BETWEEN PORTS	4° (max)
AZIMUTH TILT	2° (max)
SIDELOBES LEVEL @ ± 90°	-12 dB (max)
F/B RATIO	-20 dB (min)
PORT TO PORT ISOLATION	-35 dB (min) , -40 dB (typ)
POWER	6W (max)
INPUT IMPEDANCE	50 (ohm)
LIGHTNING PROTECTION	DC Grounded
MECHANICAL	
DIMENSIONS (LXWXD)	536x360x26 mm
CONNECTOR	2 X Reverse Polarity TNC
AZIMUTH ADJUSTMENT	±45°
WEIGHT	2.0 kg (max)
MOUNTING KIT	SEE RD41191800C , MT-120018
RADOME MATERIAL	Plastic, UV Resistant
BASE PLATE MATERIAL	Aluminum with chemical conversion coating
OUTLINE DRAWING	RD42105300C
ORIENTATION	Rectangular

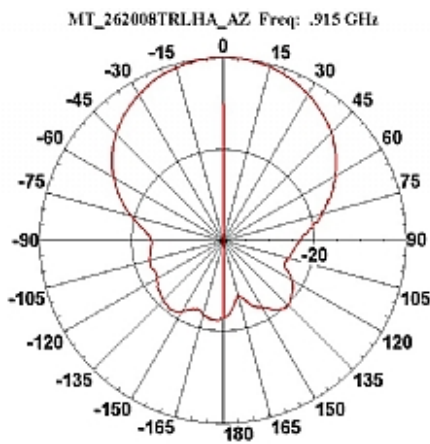
[ADD TO COMPARISON](#) | [COMPARE](#)

ENVIRONMENTAL

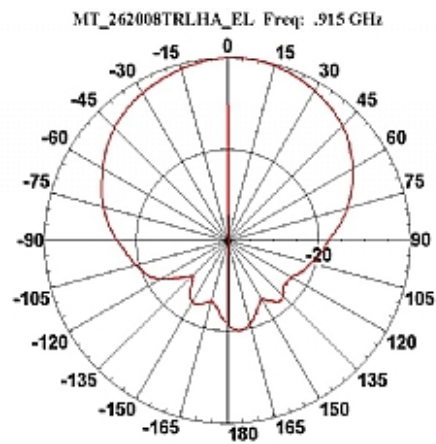
TEST	STANDARD	DURATION	TEMPERTURE	NOTES
LOW TEMPERATURE	IEC 68-2-1	72 h	-55°C	
HIGH TEMPERATURE	IEC 68-2-2	72 h	+71°C	

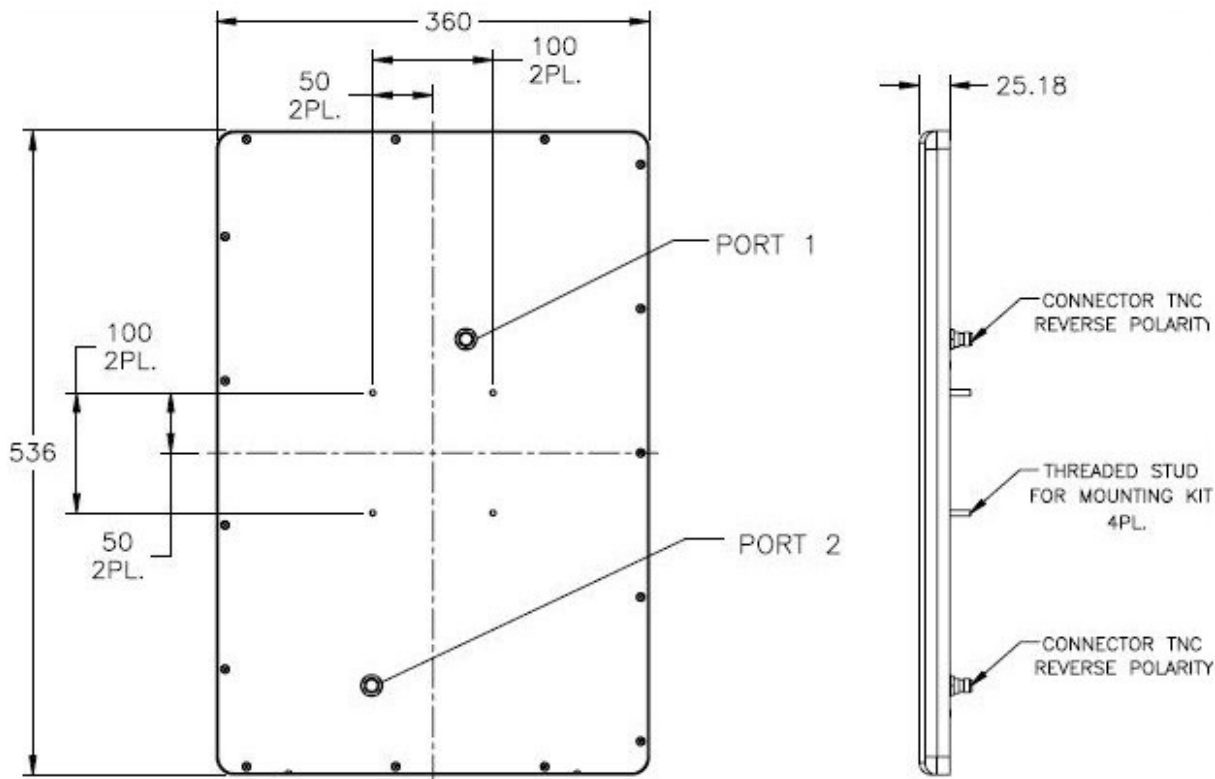
TEMP. CYCLING	IEC 68-2-14	1 h	-45°C +70°C	3 Cycles
HUMIDITY	ETSI EN300-2-4 T4.1E	144 h		95%
WATER TIGHTNESS	IEC 529			IP54
SOLAR RADIATION	ASTM G53	1000h		
OZONE RESISTANCE	ETSI 300			
FLAMMABILITY	UL 94			Class HB
QUASI RANDOM VIBRATION				20g rms for 4 hours
VEHICLE VIBRATION OPERATING	1 grms, 10-500 Hz, in 3 axis			6 hours total, 2 hr in each axis. Accelerated wear – an additional 50hrs in worst case axis.
MECHANICAL SHOCK OPERATING	10g, 11msec, half sine pulse			

**AZIMUTH RADIATION PATTERN MIDBAND
FREQ. 0.915 GHZ**



**ELEVATION RADIATION PATTERN MIDBAND
FREQ. 0.915 GHZ**





WAIVER!

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