MT-262013/TRH/A/K
902-928 MHz, 7.5 dBic RHCP READER ANTENNA

ELECTRICAL	
REGULATORY COMPLIANCE	RoHS, CE 0682
FREQUENCY RANGE	902 - 928 MHz
GAIN	7.0 dBic (min) , 7.5 dBic (max)
VSWR	1.3:1 (max)
POLARIZATION	RHCP
3DB ELEVATION BEAMWIDTH	71° ±1°
3DB AZIMUTH BEAMWIDTH	70° ±3°
SIDELOBES LEVEL @ ±90º AND FRONT TO BACK	-19 dB (max)
POWER	6W (max)
INPUT IMPEDANCE	50 (ohm)
AXIAL RATIO AT BORESIGHT	1 dB (typ) 1.3 dB (max)
AXIAL RATIO 3DB BEAMWIDTH	2 dB (typ) 3.5 dB (max)
LIGHTNING PROTECTION	DC Grounded
MECHANICAL	
DIMENSIONS (LXWXD)	190 x 190 x 30 mm (max)
CONNECTOR	Reverse Polarity TNC
WEIGHT	0.8 (Kgs) (max)
MOUNTING KIT	SEE RD41191800C , MT-120018/A
RADOME MATERIAL	Plastic UV Resistant per ETSI 300
BASE PLATE MATERIAL	Aluminum with chemical conversion coating
OUTLINE DRAWING	RD43124500C
ORIENTATION	Rectangular

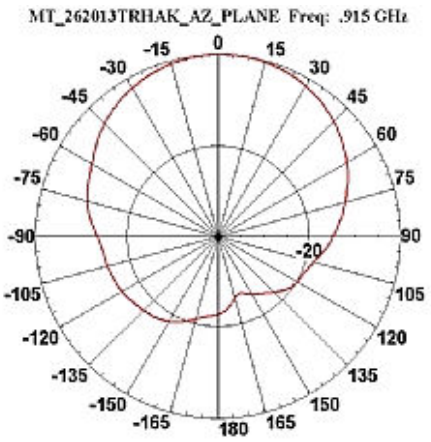
ADD TO COMPARISON | COMPARE

ENVIRONMENTAL

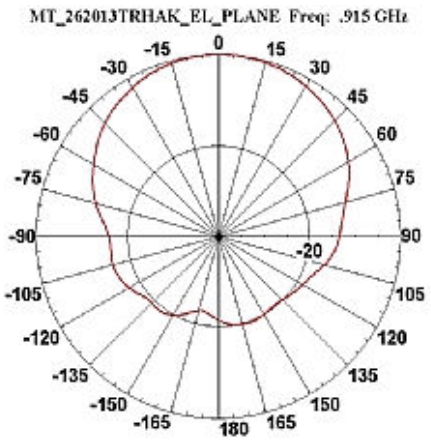
TEST	STANDARD	DURATION	TEMPERTURE	NOTES
LOW TEMPERATURE	IEC 68-2-1	72 h	-55°C	
HIGH TEMPERATURE	IEC 68-2-2	72 h	+71°C	
TEMP. CYCLING	IEC 68-2-14	1 h	-45°C +70°C	3 Cycles

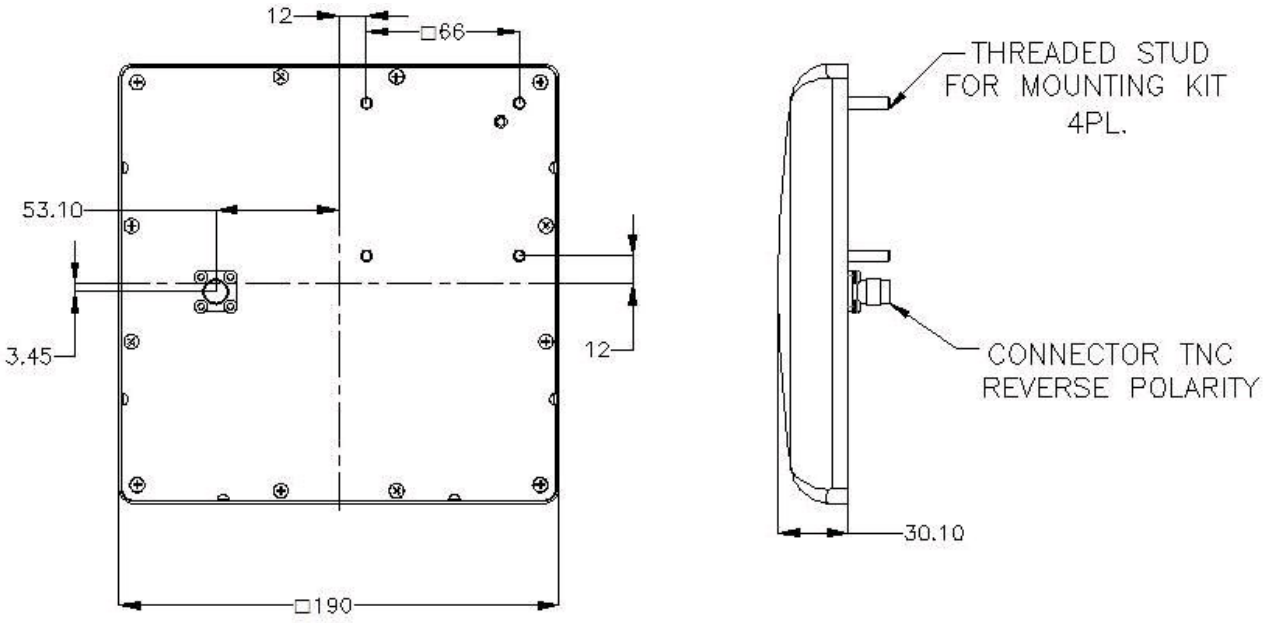
THERMAL SHOCK NONO-OPERATING		-30°C to+70°C	Ramp 30°C/min
HUMIDITY	ETSI EN300-2-4 T4.1E	144 h	95%
WATER TIGHTNESS	IEC 529		IP67
DUST RESISTANCE			IP67
SOLAR RADIATION	ASTM G53	1000h	
OZONE RESISTANCE	ETSI 300		
FLAMMABILITY	UL 94		Class HB
QUASI RANDOM VIBRATION			20g rms for 4 hours
VEHICLE VIBRATION 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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