

MT-263020/TRH/A 902-928 MHz, 11 dBic RHCP READER ANTENNA



ELECTRICAL

REGULATORY COMPLIANCE	RoHS, CE 0682
FREQUENCY RANGE	902 - 928 MHz
GAIN	11 dBic (min)
VSWR	1.5 : 1 (max) 1.3 : 1 (typ)
POLARIZATION	RHCP
3DB ELEVATION BEAMWIDTH	63° (typ)
3DB AZIMUTH BEAMWIDTH	30° (typ)
SIDELOBES LEVEL	-12 dB (max) -15 dB (typ)
F/B RATIO	-20 dB (max)
POWER	6W (max)
INPUT IMPEDANCE	50 (ohm)
LIGHTNING PROTECTION	DC Grounded

MECHANICAL

DIMENSIONS (LXWXD)	630x320x32
CONNECTOR	TNC-Reverse Polarity
WEIGHT	2.8 kg (max)
MOUNTING KIT	See RD41181900C , MT-120019
RADOME MATERIAL	Plastic UV Resistant per ETSI 300
OUTLINE DRAWING	RD41895600C
ORIENTATION	Rectangular

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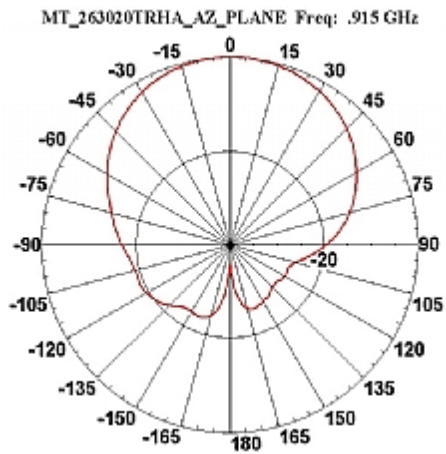
ENVIRONMENTAL

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

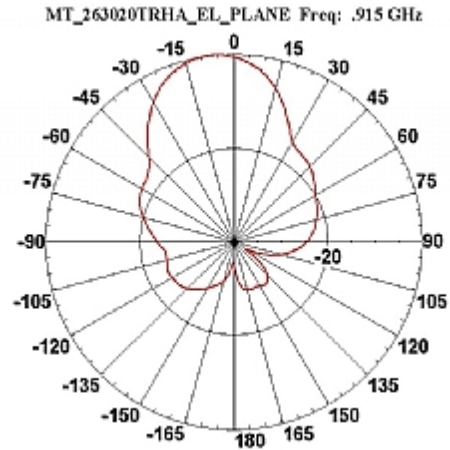
THERMAL SHOCK NONO- OPERATING	-30°C to+70°C	Ramp 30°C/min
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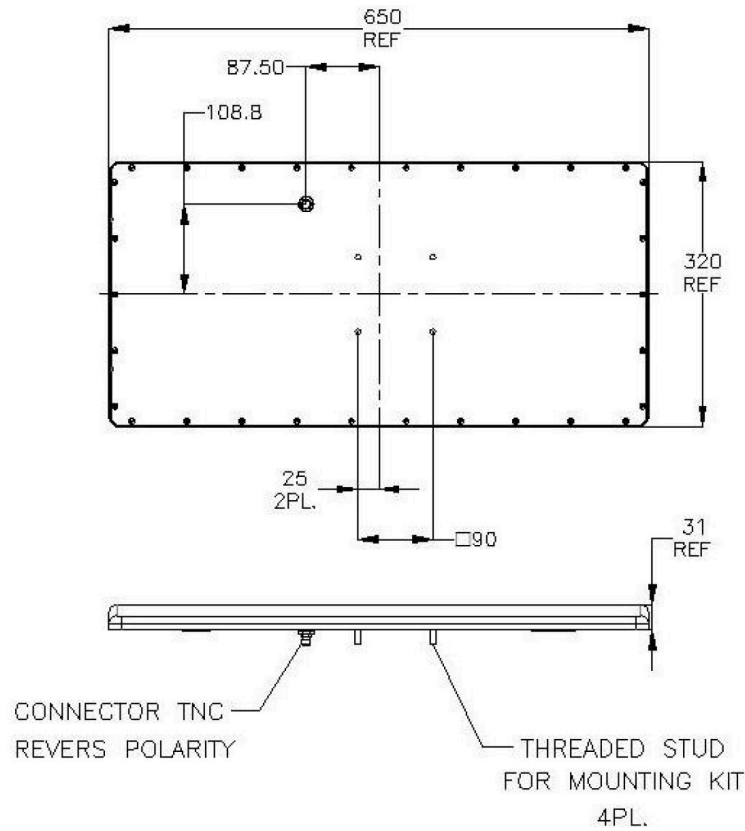
HUMIDITY	ETSI EN300-2-4 T4.1E	144 h	95%
WATER TIGHTNESS	IEC 529		IP54
DUST RESISTANCE			IP54
SOLAR RADIATION	ASTM G53	1000h	
OZONE RESISTANCE	ETSI 300		
FLAMMABILITY	UL 94		Class HB
QUASI RANDOM VIBRATION			20g rms for 4 hours
VEHICLE VIBRATION OPERATING	1 grms, 10-500 Hz, in 3 axis		6 hours total, 2 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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