



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

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

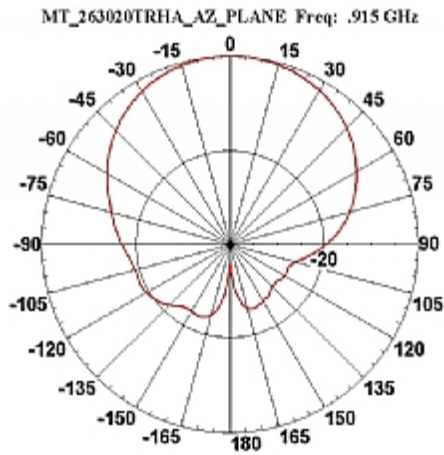
ENVIRONMENTAL

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 +70°C	3 Cycles
THERMAL SHOCK NONO-OPERATING			-30°C to+70°C	Ramp 30°C/min
HUMIDITY	ETSI EN300-2-4	144 h		95%

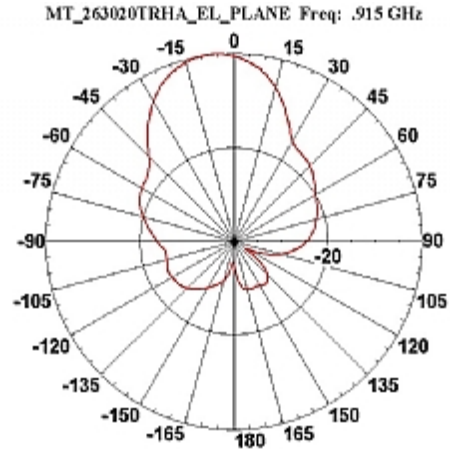
T4.1E

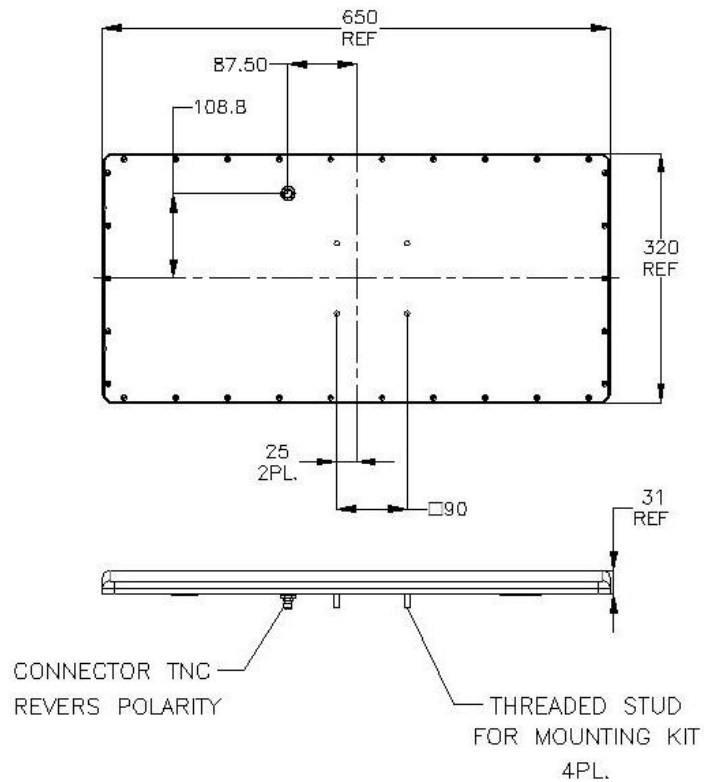
WATER TIGHTNESS	IEC 529	IP54
DUST RESISTANCE		IP54
SOLAR RADIATION	ASTM G53	1000h
OZONE RESISTANCE	ETSI 300	
FLAMMABILITY	UL 94	Class HB
QUASI RANDOM VIBRATION		20g rms for 4 hours
VEHICLE VIBRATION OPERATING	1 grms, 10-500 Hz, in 3 axis	6 hours total, 2 hr in each axis. Accelerated wear – an additional 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!

While the information contained in this document has been carefully compiled to the best of our present knowledge, it is not intended as presentation or warranty of any kind on our part regarding the fitness of the products concerned for any particular use or purpose and neither shall any statement contained herein be construed as a recommendation to infringe any industrial property rights or as a license to use any such rights. The fitness of each product for any particular purpose must be checked beforehand with our specialists.

MTI Wireless Edge Ltd.
11 Hamelacha St. Afek Industrial Park Rosh Ha'ayin 48091, Israel
Tel: +972-3-9008900 | Fax: +972-3-9008901 | www.mtiwe.com