



MT-262006/TRH/A

902-928 MHz, 9 dBic, Reader Antenna



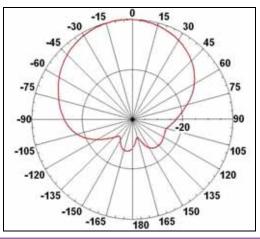
Specifications

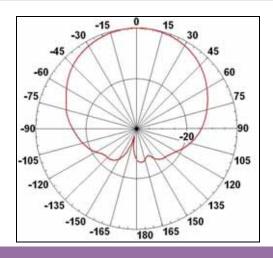
<u>Specifications</u>				
MTI PART NUMBER		MT- 262006/TRF	I /A	
ELECTRICAL				
FREQUENCY RANGE		902-928 MHz		
GAIN		9 dBic (min)		
VSWR		1.3:1 (max), 1.4:	1 (max) @ 10% of the r	ange
3 dB BEAMWIDTH		63° (typ)		
POLARIZATION		RHCP ** See Othe	<i>er Antenna Versions</i> be	low
SIDELOBES LEVEL @ 90°		-16 dB (max)		
AXIAL RATIO AT BORESIGHT		4 dB (max)		
F/B RATIO		-18 dB (max) -	20 dB (typ)	
INPUT IMPEDANCE		50 (Ohm)		
INPUT POWER		6 W (max)		
LIGHTNING PROTECTION		DC Grounded		
MECHANICAL				
DIMENSIONS (LxWxD)		305x305x25 mm	** See <i>Other Antenna</i> 1	/ersions below
ORIENTATION		Rectangular		
WEIGHT		1.2 kg (max)		
CONNECTOR		Reverse Polarity TNC ** See <i>Other Antenna Versions</i> below		
RADOME	Plastic UV Resistant per ETSI 300			
BASE PLATE	Aluminum with chemical			ating
OUTLINE DRAWING		See page 2		
MOUNTING KIT		MT-120018		
ENVIRONMENTAL				
TEST	STANDARD	DURATION	TEMPERTURE	NOTES
TEMPERATURE	IEC 68-2-1/2	72 h	-55°C to +71°C	-
TEMP. CYCLING	IEC 68-2-14	1 h	-45°C to +70°C	3 Cycles
THERMAL SHOCK NON-OPER.			-30°C to +70°C	Ramp 30°C/min
HUMIDITY	ETSI EN300-2-4 T4.1E	144 h	-	95%
WATER TIGHTNESS*	IEC 529	-	-	IP54
DUST RESISTANCE*				IP54
SOLAR RADIATION	ASTM G53	1000 h	-	-
OZONE RESISTANCE	ETSI 300			
FLAMMABILITY	UL 94	-	-	Class HB
SALT SPRAY	IEC 68-2-11 Ka	500 h	-	-
ICE AND SNOW	-	-	-	25mm Radial
WIND SPEED SURVIVAL	-	-	-	220 Km/h
OPERATION	-	-		160 Km/h
WIND LOAD (SURV.): FRONT	-	-	-	26.8 kg
SIDE THRUST	-	-	-	2.2 kg
QUASI RANDOM VIBRATION				20g rms for 4 hours
VEHICLE VIBRATION OPERATING	1g rms, 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	10g, 11 msec,			
OPERATING	half sine pulse			



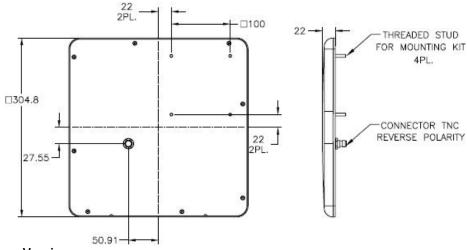
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Azimuth Radiation Pattern Midband Freq. 0.915 GHz Elevation Radiation Pattern Midband Freq. 0.915 GHz





Dimensions [mm]



Existing Antenna Versions

Existing function versions		
MT-262006/NLH/A	LHCP, connector: Reverse Polarity N - type female	
MT-262006/NLH	LHCP, connector: N - type female	
MT-262006/NRH/A	RHCP, connector: Reverse Polarity N - type female	
MT-262006/NRH	RHCP, connector: N - type female	
MT-262006/TLH/A/K	LHCP, connector: Reverse Polarity TNC, IP67	
MT-262006/TRH/A/K	RHCP, connector: Reverse Polarity TNC, IP67	
MT-262006/NRH/B, MT-262006/NRH/D, MT-262006/NRH/F, MT-262006/NRH/G, MT-262006/TRH/D, MT-262006/TRH/G: For more information about these models, please contact us		
	* IP 67 AVAILABLE UPON REQUEST	

MTI Wireless Edge is certified according to ISO 9001 and ISO 14001.

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.

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Document No: MT-262006/TRH/A Issued: 26/11/2006