

MT-262003/NV

902-928 MHz 8dBi Omni Antenna



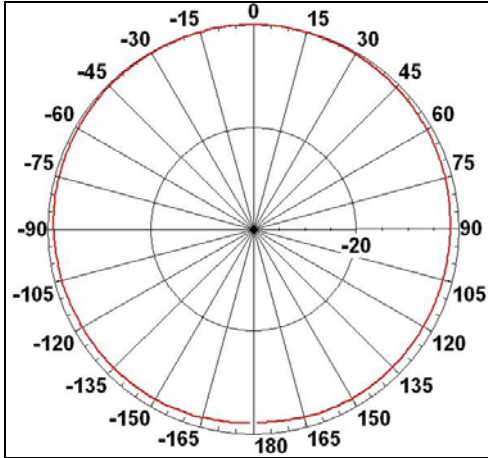
Specifications

MTI PART NUMBER		MT - 262003/NV		
ELECTRICAL				
FREQUENCY RANGE	902-928 MHz			
PEAK GAIN	8 dBi (min)			
VSWR	1.7 : 1			
AZIMUTH BEAMWIDTH	Omnidirectional			
ELEVATION BEAMWIDTH	12° (typ)			
ELEVATION DOWNTILT	0° - 3° below horizon			
POLARIZATION	Linear Vertical			
SIDELobe LEVEL	-11 dB (max)			
CROSS POLARIZATION	-20 dB (max)			
INPUT IMPEDANCE	50 (ohm)			
INPUT POWER	10 W (max)			
LIGHTNING PROTECTION	DC Ground			
MECHANICAL				
DIMENSIONS (LxØ)	1318x44 (max)			
WEIGHT	5 kg (max)			
CONNECTOR	N - TYPE Female			
RADOME	Fiberglass			
BASE PLATE	Aluminum with chemical conversion coating			
OUTLINE DRAWING	See page 2			
MOUNTING KIT	Mounted to Pole Ø1.5"-Ø3" by the means of 2 clamps			
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. CYCLE	IEC 68-2-14	1 h	-45°C +70°C	3 Cycles
VIBRATION	IEC 60721-3-4	30 min/axis	-	Random 4M5
MECHANICAL SHOCK	IEC 60721-3-4	-	-	4M5
HUMIDITY	ETSI EN300-2-4 T4.1E	144 h	-	95%
WATER TIGHTNESS	IEC 529	-	-	IP54
SOLAR RADIATION	ASTM G53	1000 h	-	-
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

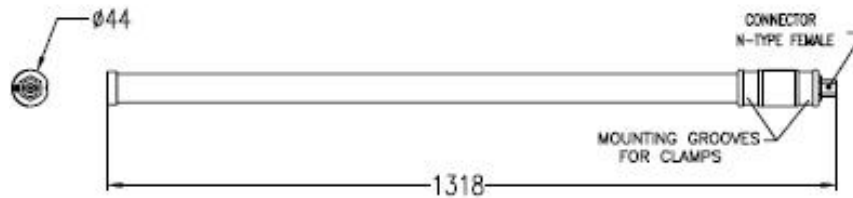
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Azimuth Radiation Pattern
 Midband Freq. 0.915 MHz

Elevation Radiation Pattern
 Midband Freq. 0.915 MHz



Dimensions [mm]



Existing Antenna Versions

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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