

**MT-243003/NV**

**902-928 MHz 11dBi Null Filled**

**Omni Antenna**



**Specifications**

<b>MTI PART NUMBER</b>	<b>MT - 243003/NV</b>
<b>ELECTRICAL</b>	

FREQUENCY RANGE	902-928 MHz
PEAK GAIN	11 dBi (min)
AZIMUTH RIPPLE	1 dB (peak to peak)
VSWR	1 : 1.5 (typ)
POLARIZATION	Linear Vertical
ELEVATION BEAMWIDTH	6° (typ)
AZIMUTH BEAMWIDTH	Omnidirectional
INPUT IMPEDANCE	50 (ohm)
INPUT POWER	50 W (max)
LIGHTNING PROTECTION	Direct Ground

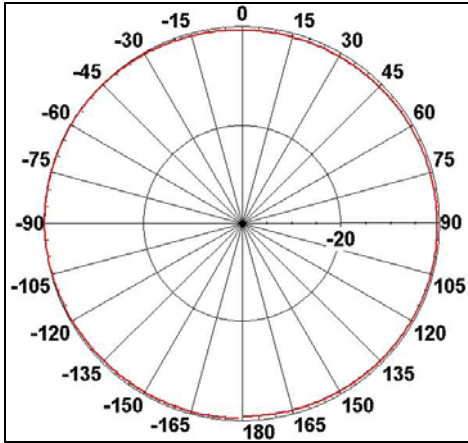
<b>MECHANICAL</b>	
DIMENSIONS (LXØ)	3.7m x Ø 89.5mm (max)
WEIGHT	20 kg (max)
CONNECTOR	N - TYPE Female
RADOME	Fiberglass
BASE PLATE	Aluminum with chemical conversion coating
OUTLINE DRAWING	See page 2
MOUNTING KIT	Clamps included

<b>ENVIRONMENTAL</b>					
<b>TEST</b>	<b>STANDARD</b>	<b>DURATION</b>	<b>TEMPERATURE</b>	<b>NOTES</b>	
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	-	-	IP67	
SOLAR RADIATION	ASTM G53	1000 h	-	-	
SALT SPRAY	IEC 68-2-11 Ka	500 h	-	-	
ICE AND SNOW	-	-	-	25mm Radial	
WIND SPEED	SURVIVAL	-	-	220 Km/h	
	OPERATION	-	-	160 Km/h	

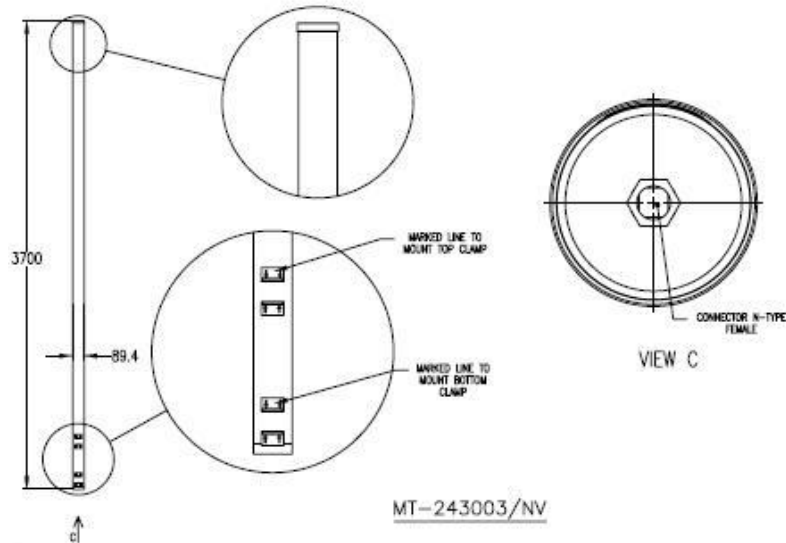
## 902-928 MHz 11dBi Null Filled Omni Antenna

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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