

## MT-263003/N 902-928 MHz 10dBi LINEAR V/H POLARITY DIRECTIONAL ANTENNA



### ELECTRICAL

REGULATORY COMPLIANCE	RoHS, CE 0682
FREQUENCY RANGE	902 - 928 MHz
GAIN	10 dBi (min)
VSWR	1.5 : 1 (max)
POLARIZATION	Linear (Vertical or Horizontal)
3 DB BEAMWIDTH	50°(typ)
SIDELOBES LEVEL	-17dB (max) @±80°
F/B RATIO	-27dB (max)
CROSS POLARIZATION	-25 dB (max)
POWER	6W (max)
INPUT IMPEDANCE	50 (ohm)
LIGHTNING PROTECTION	DC Grounded

### MECHANICAL

DIMENSIONS (LXWXD)	305x305x25mm (max)
CONNECTOR	N-Type Female
WEIGHT	1.5 (kg) (max)
MOUNTING KIT	MT-120018
RADOME MATERIAL	Plastic
BASE PLATE MATERIAL	Aluminum with chemical conversion coating
OUTLINE DRAWING	See Below

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### ENVIRONMENTAL

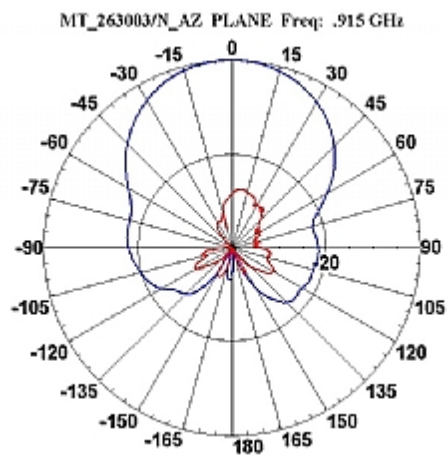
TEST	STANDARD	DURATION	TEMPERATURE	NOTES
LOW TEMPERATURE	IEC 68-2-1	72 h	-55°C	
HIGH TEMPERATURE	IEC 68-2-2	72 h	+71°C	
TEMP. CYCLING	IEC 68-2-14	1 h	-45°C +70°C	3 Cycles
VIBRATION	IEC 60721-3-4	30 min/axis		Random4M5
SHOCK MECHANICAL	IEC 60721-3-4			4M5

HUMIDITY	ETSI EN300-2-4 T4.1E	144 h	95%
WATER TIGHTNESS	IEC 529		IP67
SOLAR RADIATION	ASTM G53	1000h	
FLAMMABILITY	UL 94		Class HB
SALT SPRAY	IEC 68-2-11 Ka	500h	
ICE AND SNOW			25mm Radial
WIND SPEED SURVIVAL OPERATION			220 Km/h 160 Km/h
WIND LOAD (SURVIVAL) FRONT THRUST SIDE THRUST			10 kg 1.6 kg

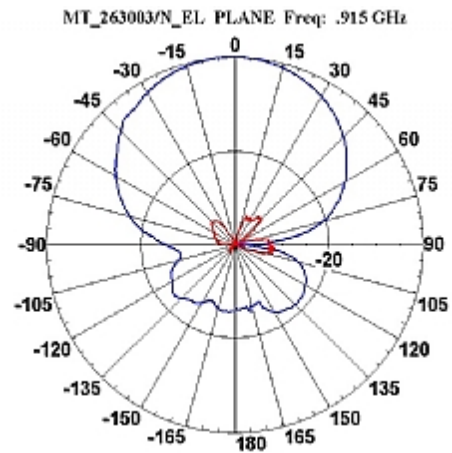
### Existing Antenna Versions

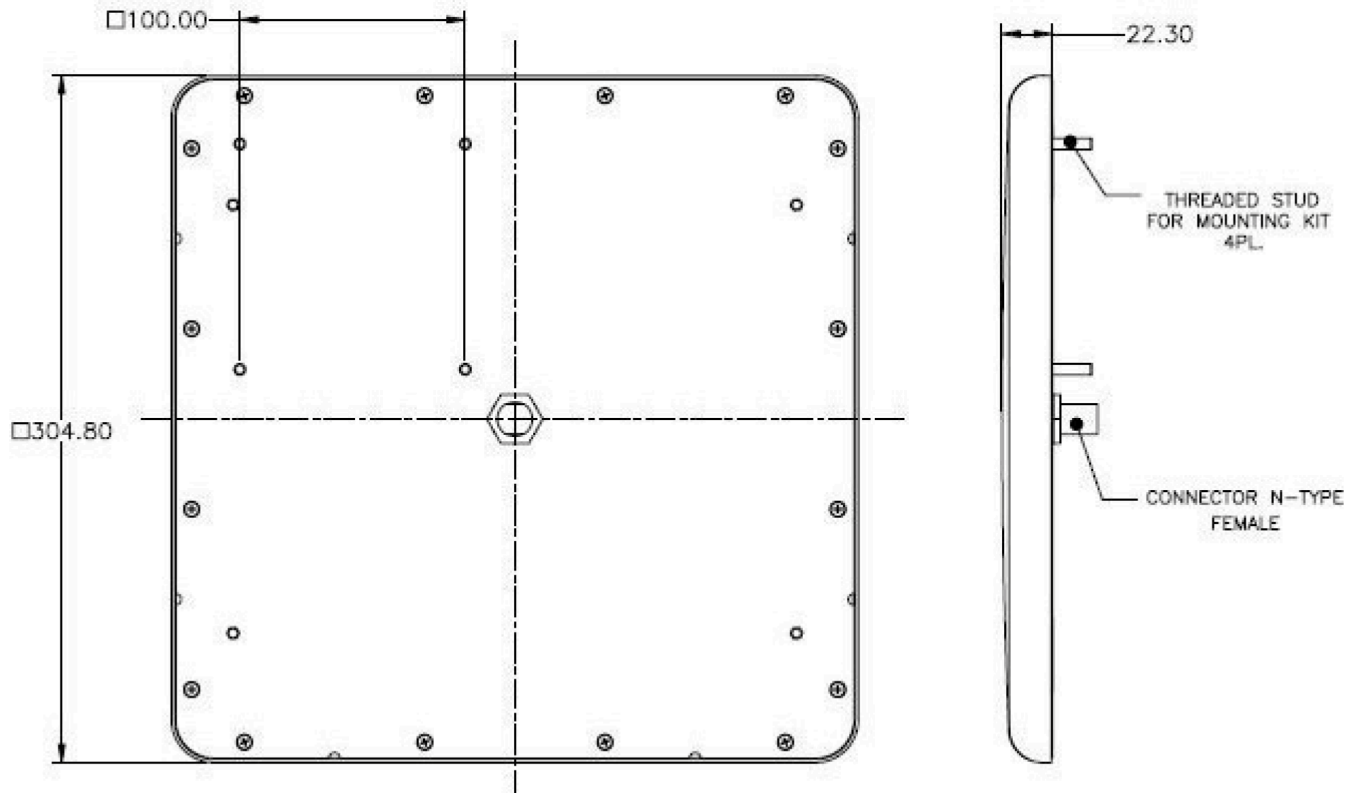
MT-263003/S/E	one foot Integrated Antenna Enclosure
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**AZIMUTH RADIATION PATTERN MIDBAND  
FREQ. 0.915 GHZ**



**ELEVATION RADIATION PATTERN MIDBAND  
FREQ. 0.915 GHZ**





**WAIVER!**

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