

LINEAR ANTENNAS

MT-243009/N

865-870MHZ ,13 DBI LINEAR V/H POLARITY DIRECTIONAL ANTENNA



ELECTRICAL

REGULATORY COMPLIANCE	RoHS, CE 0682
FREQUENCY RANGE	865-870 MHz
GAIN	13 dBi (min)
VSWR	1.7 : 1 (max)
POLARIZATION	Linear (Vertical or Horizontal)
3 dB BEAMWIDTH	37°(typ)
SIDELOBES LEVEL	-15 dB
F/B RATIO	-15 dB (max)
CROSS POLARIZATION	-20 dB (max)
POWER	6W (max)
INPUT IMPEDANCE	50 (ohm)
LIGHTNING PROTECTION	DC Grounded

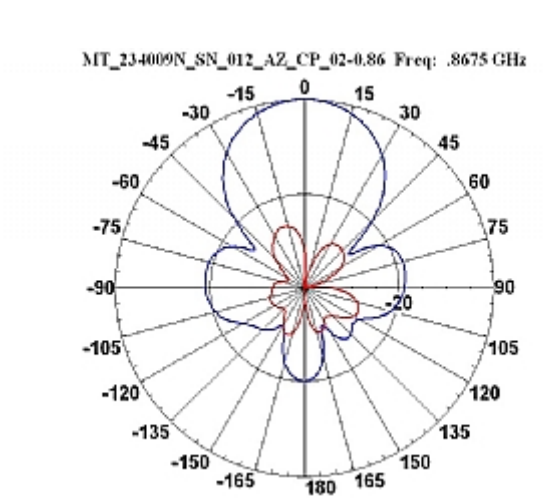
MECHANICAL

DIMENSIONS (LxWxD)	450 x 450 x 35mm (max)
CONNECTOR	N-Type Female
WEIGHT	2 Kg (max)
MOUNTING KIT	MT-120018
RADOME MATERIAL	Plastic
BASE PLATE MATERIAL	Aluminum with chemical conversion coating

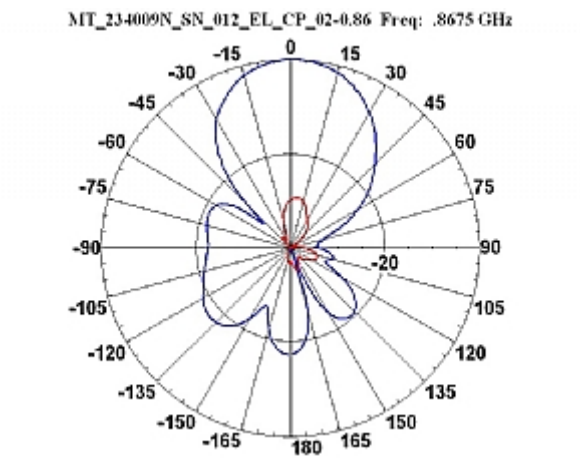
ENVIRONMENTAL

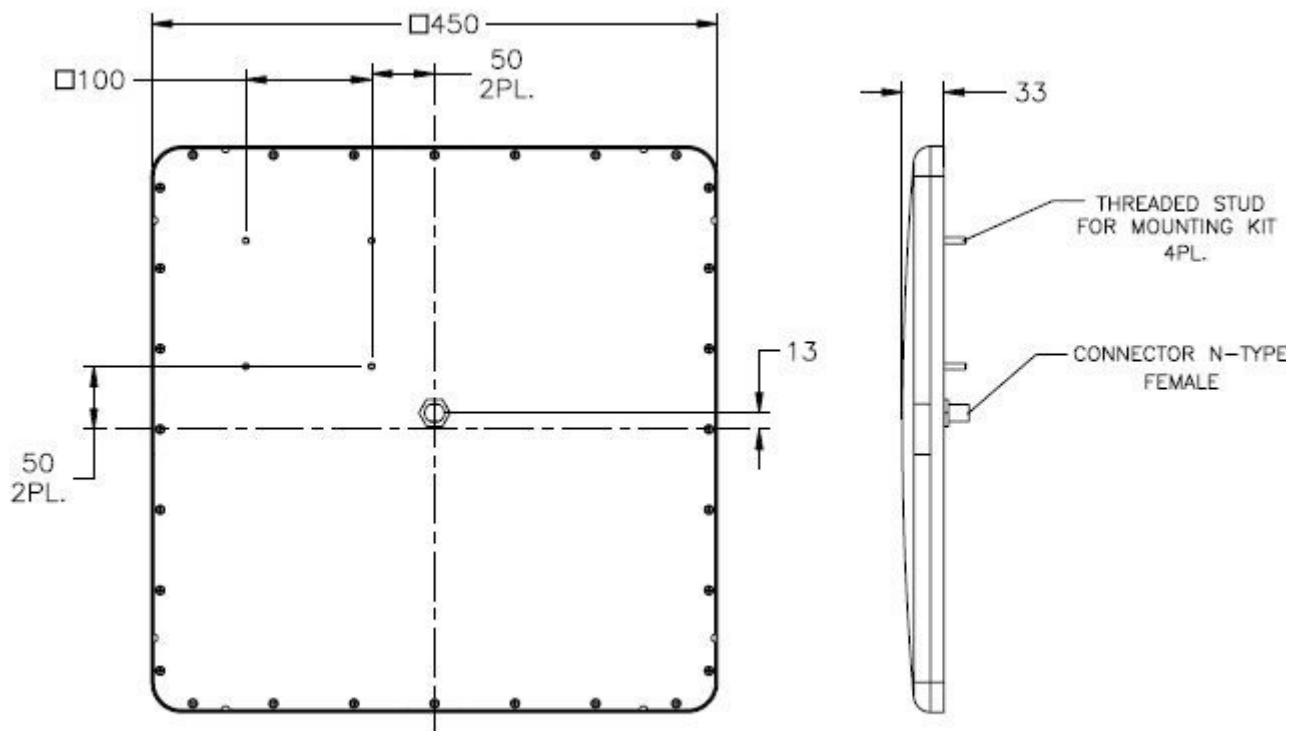
TEST	STANDARD	DURATION	TEMPERTURE	NOTES
LOW TEMPERATURE	IEC 68-2-1	72 h	-55°C	
HIGH TEMPERATURE	IEC 68-2-2	72 h	+71°C	
TEMP. CYCLING	IEC 68-2-14	1 h	-45°C +70°C	3 Cycles
VIBRATION	IEC 60721-3-4	30 min/axis		Random4M3
SHOCK MECHANICAL	IEC 60721-3-4			4M3
HUMIDITY	ETSI EN300-2-4 T4.1E	144 h		95%
WATER 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				39.6 kg 4.3 kg

**AZIMUTH RADIATION PATTERN MIDBAND
FREQ. 0.8675 GHZ**



**ELEVATION RADIATION PATTERN MIDBAND
FREQ. 0.8675 GHZ**





WAIVER!

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