



MT-386001/N

3.3-3.8 GHz 26 dBi GRID Antenna

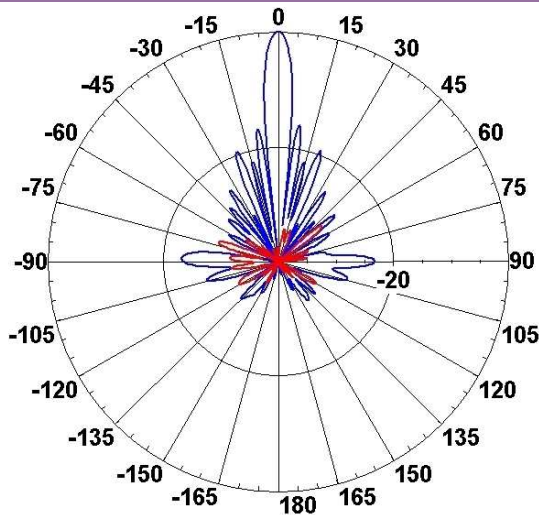
Specifications

MTI PART NUMBER		MT - 386001/N		
ELECTRICAL				
FREQUENCY RANGE		3.3 - 3.8 GHz		
GAIN		26 dBi (min)		
VSWR		1.7 :1 (max)		
3dB BEAMWIDTH	Az.	5.0° (typ)		
	El.	7.5° (typ)		
POLARIZATION		Linear Vertical *		
SIDELOBES LEVEL		ETSI EN 302 326-03 v 1.1.2		
CROSS POLARIZATION		ETSI EN 302 326-03 v 1.1.2		
F/B RATIO		40dB (max)		
INPUT IMPEDANCE		50 (ohm)		
INPUT POWER		10W (max)		
MECHANICAL				
DIMENSIONS (Actual Reflector Dimension)		905 x 705 mm		
DISH FOCAL LENGTH		354 mm		
WEIGHT		3.3 (kg)		
CABLE + CONNECTOR		150 mm RG58 w/ N-Type Female		
RADOME		N/A		
DISH MATERIAL		Die cast Aluminum		
OUTLINE DRAWING		See page 2		
MOUNTING KIT		Included		
ENVIRONMENTAL				
TEST	STANDARD	DURATION	TEMPERATURE	NOTES
LOW TEMPERATURE	MIL-STD-810E 502.3 PROC. I	48 h	-30° C	-
HIGH TEMPERATURE	MIL-STD-810E 501.3 PROC. I	48 h	+70° C	-
TEMP. CYCLING	MIL-STD-810E 502.3 PROC. I	16 Cycles	-30° C +70° C	-
VIBRATION	MIL-STD-810E 514-4 CAT. 8	1 Hrs	-	-
SHOCK MECHANICAL	MIL-STD-810E 516-4 PROC. I	3 Blows 10 ms -	-	-
RAIN	MIL-STD-810E 506-3 PROC. I	-	-	-
WATER TIGHTNESS	MIL-STD-810E 506-3 PROC. I	-	-	IP65
SOLAR RADIATION	-	-	-	Min 8 years
FLAMMABILITY	UL94	-	-	Class HB
SALT SPRAY	IEC 68-2-11 Ka	168 h	-	-
ICE AND SNOW	-	-	-	25mm Radial
WIND SPEED SURVIVAL OPERATION	-	- -	- -	120 Km/h
WIND LOAD (SURVIVAL)	-	-	-	160
FRONT THRUST		-	-	Km/h
SIDE THRUST				

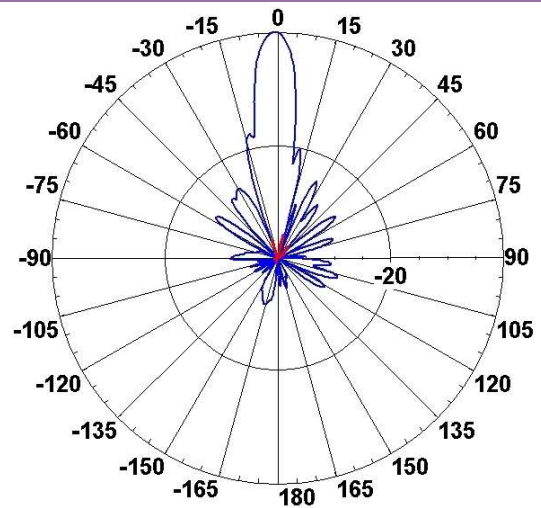
* Antenna can be installed rotated by 90°, then, Polarization changes to Linear Horizontal, 3dB Beam Width changes to 5° (El.) and 7.5° (Az.)

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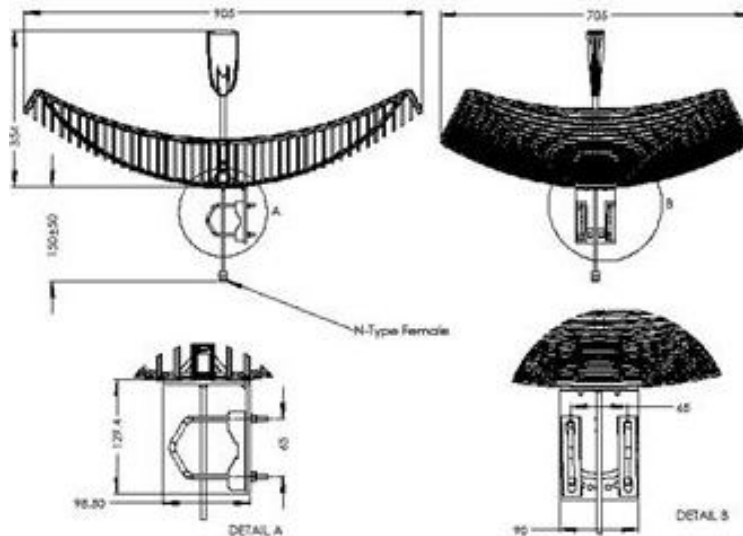
Azimuth Radiation Pattern
Midband Freq. 3.3 GHz



Elevation Radiation Pattern
Midband Freq. 3.3 GHz



Dimensions [mm]



MTI group is certified according to ISO 9001 and ISO 14001.

WAIVER!

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