

MT-404067/ND

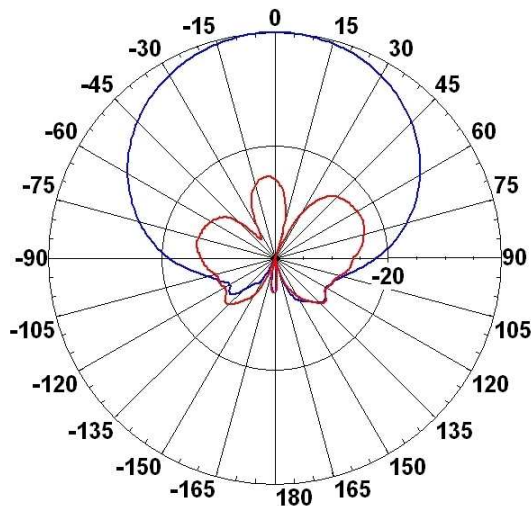
3.3-3.8GHz 17dBi 65° Dual Slant BTS Antenna

Specifications

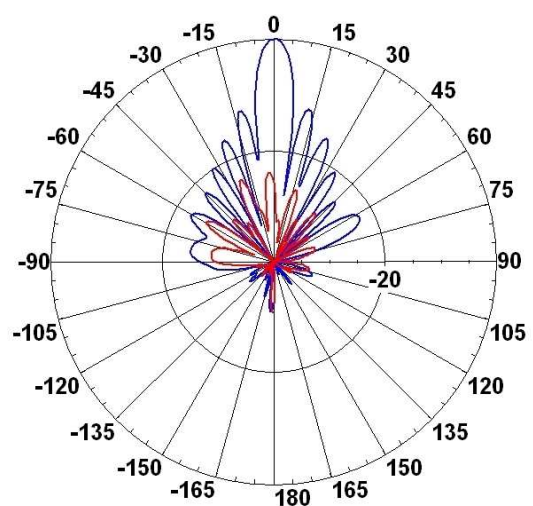
MTI PART NUMBER		MT - 404067/ND		
ELECTRICAL				
REGULATORY COMPLIANCE		ETSI EN 302 326- V1.1.2 (2006-03), RoHS, CE 0682		
FREQUENCY RANGE		3.3-3.8 GHz		
GAIN		16 dBi (min) @ 3.3-3.4 GHz, 17.5 ±0.5 dBi @ 3.5-3.8 GHz		
VSWR		1.5 : 1 (typ) 1.8:1 (max)		
AZIMUTH BEAMWIDTH @ 13.5 dBi		65°		
ELEVATION BEAMWIDTH @ -3dB		7.5°		
POLARIZATION		Dual Linear ± 45°		
CROSS POLARIZATION		ETSI EN 302 326 V.1.1.2 (2006-03)		
SIDE LOBES LEVEL AZIMUTH & ELEVATION		Meets ETSI EN 302 326 V.1.1.2 (2006-03)		
SIDE LOBES LEVEL for AZIMUTH in the range (± 100 TO ± 180 from BORESIGHT)		-25dB (max) @ 3.3-3.5GHz -30dB (max) @ 3.5-3.8GHz		
F/B RATIO		ETSI EN 302 326 V.1.1.2 (2006-03), -30dB (max)		
PORT-TO-PORT ISOLATION		25 dB (min) @ 3.3-3.7GHz, 20 dB (min) @ 3.7-3.8GHz		
INPUT IMPEDANCE		50 (ohm)		
INPUT POWER		20W, 250W (peak)		
LIGHTNING PROTECTION		DC Grounded		
MECHANICAL				
DIMENSIONS (LxWxD)		600x130x63mm (max)		
WEIGHT		2.5 kg (max)		
CONNECTOR		2 x N-Type Female		
RADOME		Plastic UV Resistant		
BASE PLATE		Aluminum with chemical conversion coating		
OUTLINE DRAWING		See page 2		
MECHANICAL DOWN TILT		0° to (-10°)		
MOUNTING KIT		MT-120025/A		
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	-	-	IP54
SOLAR RADIATION	ASTAM G53	1000 h	-	-
SALT SPRAY	IEC 68-2-11 Ka	500 h	-	-
ICE AND SNOW	-	-	-	25mm Radial
WIND SPEED SURVIVAL OPERATION	-	-	-	220 Km/h 160 Km/h
WIND LOAD SUR. FRONT TH. SIDE THRUST	-	-	-	22.3 kg 10.8 kg

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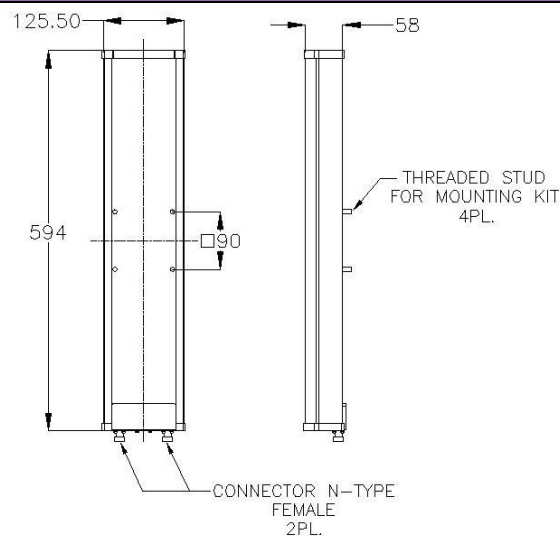
Azimuth Radiation Pattern
Midband Freq. 3.4 GHz



Elevation Radiation Pattern
Midband Freq. 3.4 GHz



Dimensions [mm]



MTI Wireless Edge is certified according to ISO 9001 and ISO 14001.

WAIVER!

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