

MT-344014/NV

2.15-2.162 GHz 17.5 dBi 45° Vertical Base Station MDS US Antenna



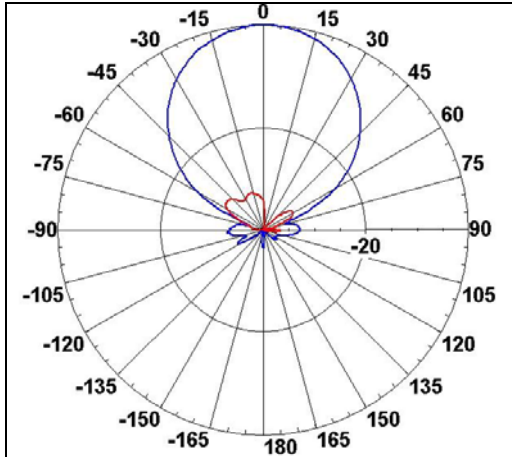
Specifications

MTI PART NUMBER		MT - 344014/NV
ELECTRICAL		
FREQUENCY RANGE		2.15-2.162 MHz
GAIN		17.5 dBi (min)
3 dB	AZIMUTH	43.5° ± 1.5°
	ELEVATION	8° (min)
POLARIZATION		Linear Vertical
VSWR		1.5 : 1 (max)
FRONT TO BACK (REL to BORESIGHT)		-34 dB (max)
AZIMUTH - BACKLOBE (±112.5° to ± 247.5°)		
AZIMUTH SIDELOBES MORE THAN ± 67.5° FROM BORESIGHT		-30 dB (max)
CROSS POLARIZATION (REL TO BORESIGHT)		
AZIMUTH FROM	0° to ± 45°	-24dB (max)
	± 45° to ± 67.5°	-28dB (max)
	± 67.5° to ± 112.5°	-32dB (max)
	More than ± 112.5°	-36dB (max)
INPUT IMPEDANCE		50 (ohm)
ELECTRICAL DOWN TILT		0 deg ± 0.5 (mesh down tilt mount 0-5 deg min)
INPUT POWER RATING		10W (average), 100 W (peak)
LIGHTNING PROTECTION		DC Grounded
MECHANICAL		
DIMENSIONS (LxWxH)		810 x 250 x 80 mm (max)
WEIGHT		5 kg (max)
RF CONNECTOR		N-Type Female
OUTLINE DRAWING		See page 2
MOUNTING KIT		MT-120021
TEMPRATURE OPERATING		-40° C to + 70° C

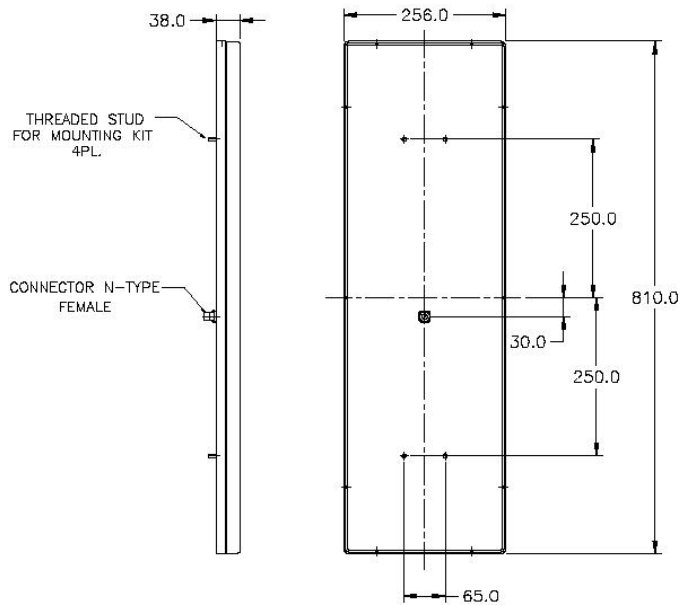
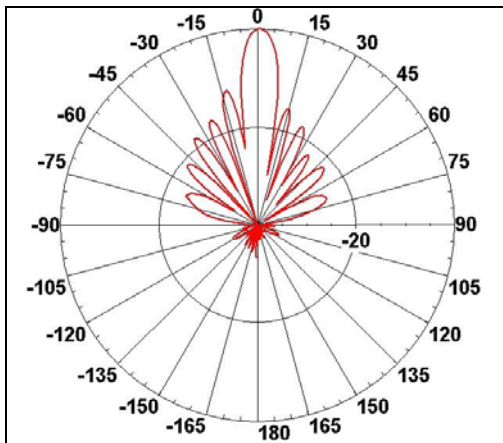
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Azimuth Radiation Pattern
 Midband Freq. 2.156 GHz

Dimensions [mm]



Elevation Radiation Pattern
 Midband Freq. 2.156 GHz



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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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