

## MT-465017/NVH

### 4.9-6.1 GHz 22.5dBi Subscriber Antenna



#### Specifications

MTI PART NUMBER		MT – 465017/NVH			
<b>ELECTRICAL</b>					
REGULATORY COMPLIANCE	ESTI EN 302 326-3 V1.1.2 (2006-03), RoHS , CE 0682				
FREQUENCY RANGE	4.9-6.1 GHz				
GAIN	22 dBi (min) Vertical				
	22.5 dBi (min) Horizontal				
VSWR	2.0 : 1 (max) 1.5 ; 1 (typ)				
3dB BEAMWIDTH	10° (typ)				
POLARIZATION	Dual Linear (Vertical & Horizontal)				
SIDELOBES LEVEL	ESTI EN 302 326-3 V1.1.2 DN3				
CROSS POLARIZATION	ESTI EN 302 326-3 V1.1.2 DN3				
F/B RATIO	- 30 dB (max)				
INPUT IMPEDANCE	50 (ohm)				
INPUT POWER	6W (max)				
LIGHTNING PROTECTION	DC Grounded				
<b>MECHANICAL</b>					
DIMENSIONS (LxWxD)	305x305x15mm (max)				
WEIGHT	1.2 (kg) (max)				
CONNECTOR	Two N-Type Female				
RADOME	Plastic				
BASE PLATE	Aluminum with chemical conversion coating				
OUTLINE DRAWING	See page 2				
MOUNTING KIT	120018				
<b>ENVIRONMENTAL</b>					
<b>TEST</b>	<b>STANDARD</b>	<b>DURATION</b>	<b>TEMPERATURE</b>	<b>NOTES</b>	
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	2000 h	-	-	
SALT SPRAY	IEC 68-2-11 Ka	500 h	-	-	
ICE AND SNOW	-	-	-	25mm Radial	
WIND SPEED SURVIVAL	-	-	-	220 Km/h	
OPERATION	-	-	-	160 Km/h	
WIND LOAD (SURVIVAL)	-	-	-	26.8 kg	
FRONT THRUST	-	-	-	1.3 kg	
SIDE THRUST	-	-	-	-	

## 4.9-6.1 GHz 22.5dBi Subscriber Antenna

Azimuth Radiation Pattern  
Midband Freq. 4.9 GHz

Elevation Radiation Pattern  
Midband Freq. 4.9 GHz

Dimensions [mm]

**TI group is certified according to ISO 9001 and ISO 14001.**

**WAIVER!**

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