

902-928 MHz SUBSCRIBER ANTENNA

MTI PART NUMBER		MT 262002/N		
ELECTRICAL				
FREQUENCY RANGE		902-928 MHz		
GAIN		6.5 dBi (min)		
VSWR		1.5:1 (max)		
3 dB BEAMWIDTH	AZIMUTH	80 ⁰ (typ)		
	ELEVATION	80 ⁰ (typ)		
POLARIZATION		Linear (Vertical or Horizontal)		
CROSS POLARIZATION		-14dB (max)		
F/B RATIO		-11dB (max)		
INPUT IMPEDANCE		50 (ohm)		
INPUT POWER		6W (max)		
LIGHTNING PROTECTION		NON		
MECHANICAL				
DIMENSIONS (LxWxD)		190X190X30 mm (max)		
WEIGHT		0.7kg (max)		
CONNECTOR		N-Type Female		
RADOME		Plastic		
BASE PLATE		Aluminum with chemical conversion coating		
OUTLINE DRAWING		RD41245600C		
MOUNTING KIT		MT-120018/A		
ENVIRONMENTAL				
TEST	STANDARD	DURATION	TEMPERATURE	NOTES
LOW TEMPERATURE	IEC 68-2-1	72 h	-55C	-
HIGH TEMPERATURE	IEC 68-2-2	72 h	+71C	-
TEMP. CYCLING	IEC 68-2-14	1 h	-45C +70 C	3 Cycles
VIBRATION	IEC 60721-3-4	30 min/axis	-	Random 4M3
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	1000 h	-	-
FLAMMABILITY	UL 94	-	-	Class HB
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 (SURVIVAL):				
FRONT THRUST	-	-	-	10 kg
SIDE THRUST	-	-	-	1.6 kg