

MT-484026/NVH
5.15-5.875GHz 16dBi 60deg DUAL POL. NULL FILLED SECTOR
ANTENNA



ELECTRICAL

REGULATORY COMPLIANCE	ETSI EN 302 085 V1.1.2 (2001-02)
FREQUENCY RANGE	5.15 – 5.875 GHz
GAIN	PORT V: 16 dBi (min) PORT H: 15dBi
VSWR	1.7 : 1 (max)
POLARIZATION	Dual Vertical & Horizontal
3DB ELEVATION BEAMWIDTH	10° ± 4°
3DB AZIMUTH BEAMWIDTH	Port V: ETSI EN 302 085 V1.1.2 CS1-CS3 13 dBi 60° ± 4 Port H: ETSI EN 302 085 V1.1.2 CS1-CS3 12 dBi -4/ +7
SIDELOBES LEVEL	-30 dB (max) @ ± 90°
F/B RATIO	-30 dB (max)
CROSS POLARIZATION	ETSI EN 302 085 V1.1.2 CS1-CS3 -24 dB (max)
PORT TO PORT ISOLATION	-35 dB (min)
POWER	6W (max)
INPUT IMPEDANCE	50 (ohm)
ELEVATION NULL FILL	ETSI EN 302 085 V1.1.2 CS1-CS3 1ST NULL -15 dB (min) @ 10° 2nd NULL -25 dB (min) @ 20°
LIGHTNING PROTECTION	DC Grounded
MECHANICAL	
DIMENSIONS (LXWXD)	436x250x10mm (max)
CONNECTOR	2 xN-Type Female
WEIGHT	2.2 kg (max)
MOUNTING KIT	MT-120019
RADOME MATERIAL	Plastic
BASE PLATE MATERIAL	Aluminum with chemical conversion coating
OUTLINE DRAWING	See Below

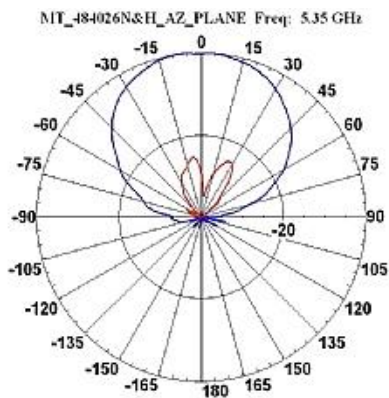
ADD TO COMPARISON | COMPARE

ENVIRONMENTAL

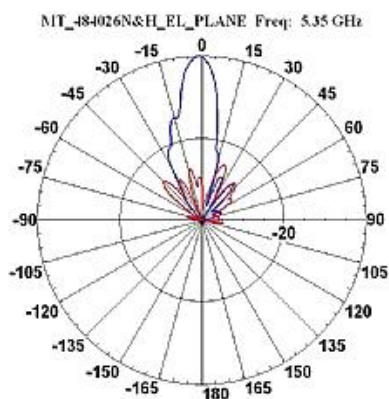
TEST	STANDARD	DURATION	TEMPERTURE	NOTES
LOW TEMPERATURE	IEC 68-2-1	72 h	-55°C	
HIGH TEMPERATURE	IEC 68-2-2	72 h	+71°C	

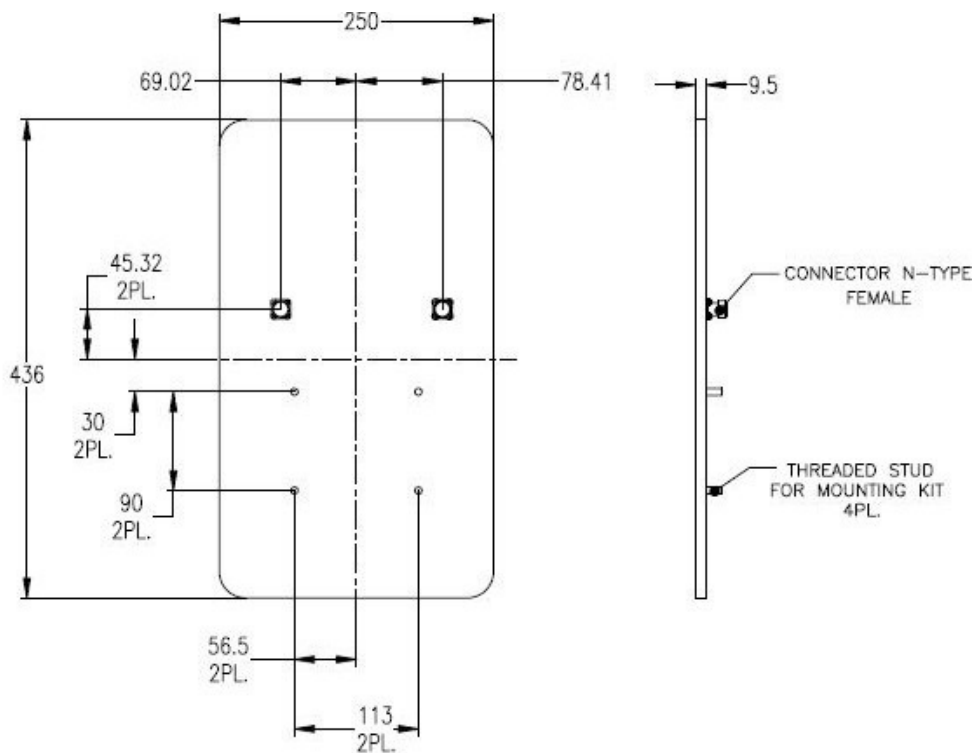
TEMP. CYCLING	IEC 68-2-14	1 h	-45°C +70°C	3 Cycles
VIBRATION	IEC 60721-3-4	30 min/axis		Random4M5
SHOCK MECHANICAL	IEC 60721-3-4			4M5
HUMIDITY	ETSI EN300-2-4 T4.1E	144 h		95%
WATER TIGHTNESS	IEC 529			IP54
SOLAR RADIATION	ASTM G53	1000h		
FLAMMABILITY	UL 94			Class HB
SALT SPRAY	IEC 68-2-11 Ka	500h		
ICE AND SNOW				25mm Radial
WIND SPEED SURVIVAL OPERATION				220 Km/h 160 Km/h
WIND LOAD (SURVIVAL)				31.4 kg
FRONT THRUST				1.3 kg
SIDE THRUST				

**AZIMUTH RADIATION PATTERN MIDBAND
FREQ. 5.35 GHZ**



**ELEVATION RADIATION PATTERN MIDBAND
FREQ. 5.35 GHZ**





WAIVER!

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