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OMNI ANTENNAS

MT-463036/NVH

5.15-5.875 GHz, 10 DBI WIDE BAND DUAL POLARIZATION OMNI ANTENNA



ELECTRICAL

REGULATORY COMPLIANCE	RoHS, CE 0682
FREQUENCY RANGE	5.15 – 5.875GHz
GAIN PEAK+ AZIMUTH RIPPLE	10 dBi ±2.0dB (typ)
VSWR	2.0 :1 (max), 1.7:1 (typ)
POLARIZATION	Vertical & Horizontal
BEAM WIDTH	Omni directional
ELEVATION COVERAGE	8°
PORT TO PORT ISOLATION	30 dB (min)
POWER	36 dBm (CW)
LIGHTNING PROTECTION	DC Grounded

MECHANICAL

DIAMETER	65 mm (max)
ANTENNA HEIGHT	365 mm without connectors (max)
CONNECTOR	2 xN-Type Female
WEIGHT	0.7 Kg (max)
MOUNTING KIT	Mounting Bracket to Pole 1.5 to 3 IPS tubes
RADOME MATERIAL	ABS RAL 9002
OUTLINE DRAWING	RD44374800C

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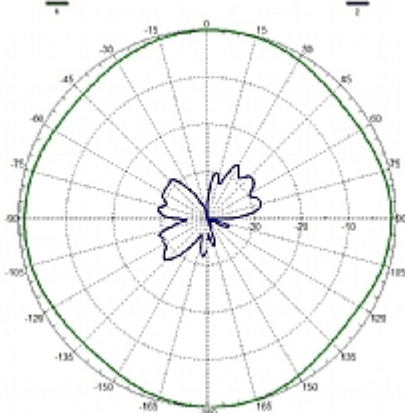
TEST	STANDARD	DURATION	TEMPERATURE	NOTES
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LOW TEMPERATURE	IEC 68-2-1	72 h	-45°C	
HIGH TEMPERATURE	IEC 68-2-2	72 h	+71°C	
TEMP. CYCLING	IEC 68-2-14	1 h	-45°C +70°C	3 Cycles
HUMIDITY	ETSI EN300-2-4 T4.1E	144 h		95%
WATER TIGHTNESS	IEC 529			IP50
DUST RESISTANCE	IEC 529			IP50
VIBRATION	IEC 60721-3-4	30 min/axis		Random 4M5
SHOCK MECHANICAL	IEC 60721-3-4			4M5
FLAMMABILITY	UL 94			Class HB

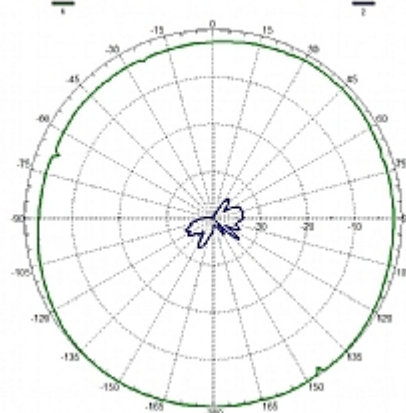
**AZIMUTH RADIATION PATTERN MIDBAND
FREQ. 5.350 GHZ**

**ELEVATION RADIATION PATTERN MIDBAND
FREQ. 5.530 GHZ**

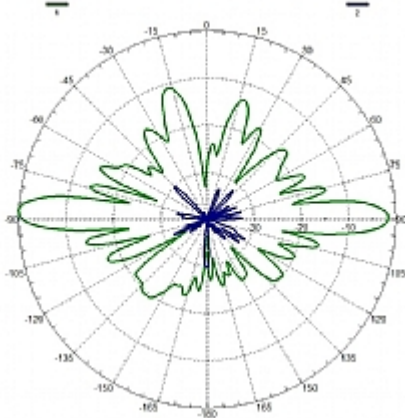
MT 463036-NVH PORT V AZ Freq: 5.350 GHz



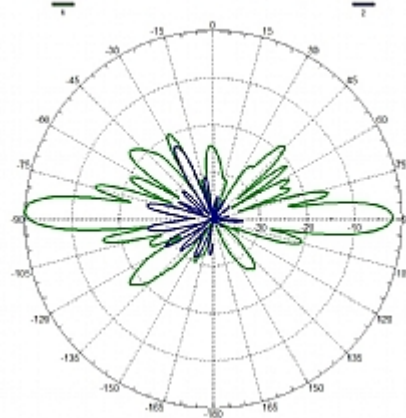
MT 463036-NVH PORT H AZ Freq: 5.350 GHz

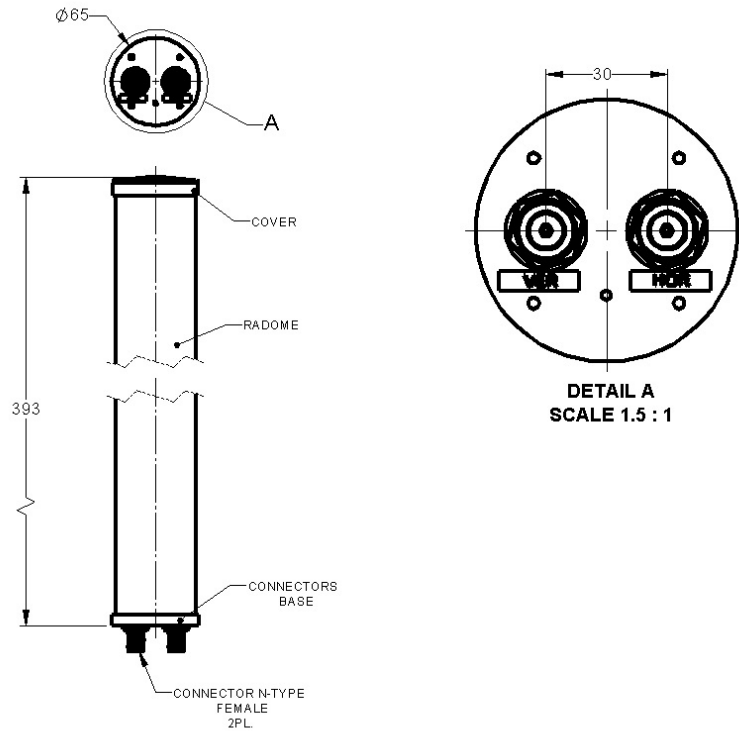


MT 463036-NVH PORT V EL Freq: 5.350 GHz



MT 463036-NVH PORT H EL Freq: 5.350 GHz





WAIVER!

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