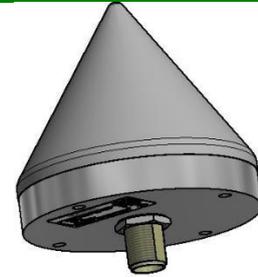


## MA-AGNSS-36C

### Active GPS & GLONASS Antenna



#### Specifications

##### **Electrical**

Frequency range	1559-1610 MHz
Impedance	50 Ohm
Polarization	Right Hand Circular
Gain Characteristic of Antenna Element	3.0 dBi
LNA Gain, typ.	35 dB (total Gain >36 dB)
Out of Band Rejection	>70 dB, Fr=1 - 960 MHz
	>60 dB, Fr=960 -1525 MHz
	>14 dB, Fr=1695-1785 MHz
	>58 dB, Fr>1785 MHz
VSWR	2 : 1
Supply Voltage (through RF Cable)	+5V DC±1V DC
Current Consumption	<50 mA
Lightning Protection	DC Grounded

##### **Mechanical**

Dimensions (ØxH)	94X92 mm
Weight	300 gr.
Connector	N-Type Female
Back Plane	Aluminum Protected through chemical passivation
Radome	UV Plastic Protected
Mount	MNT-23 or Customer request

##### **Environmental**

Operating Temperature Range	-40°C-+60 °C
Storage Temperature Range	-50°C-+50 °C
Water Proofing	IP-65
UV Radiation	ASTM G-154-4
Flammability	UL-94
Humidity	ETS 300 019-1-4,EN 302 085 (Annex A,1,1)
Conducted Immunity to voltage surges	ETSI IEC 6100-4-5

##### **Reliability**

The MTBF of the Antenna will be 100,000 Hours

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