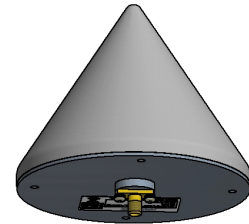


# MA-AGP1215-28C

## Active L1L2 GPS Antenna

MARS Active L1L2 GPS Antenna features stable and efficient performance. Antenna is small and has an aesthetic design. Custom designs are available upon request.



### Specifications

<b>Electrical</b>	
Frequency range (L1, L2)	1575.4±12 MHz & 1227.6±12 MHz
Gain of Antenna Element at Zenith, typ.	5 dBic @ 1575 MHz; 4 dBic @ 1227 MHz
Polarization	Right Hand Circular
Axial ratio, typ.	3 dB
LNA Gain, typ.	26 dB
Rejection, typ. Frequency 1227.6 ± 50 MHz	40 dB
Rejection, typ. Frequency 1575.4 ± 50 MHz	40 dB
Noise Figure, typ.	3 dB
VSWR, typ	2 : 1
Output Impedance	50 Ohm
Lighting Protection	DC Grounded
Power Supply through RF Connector, typ.	5-28 VDC @ 30 mA (typ.)
<b>Mechanical</b>	
Dimensions (ØxH)	94*75 mm
Weight	150 gr.
RF Connector	SMA Female
Mount	4 holes M4x3.5
Radome	UV Plastic Protected
<b>Environmental</b>	
Operating Temperature	-40°C to +85°C
Vibration	ETSI EN 300-19-2-4
Flammability	UL-94
Humidity	ETSI EN 300-19-2-4
Water Proofing	IP-67

MARS Antennas & RF Systems proprietary information

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