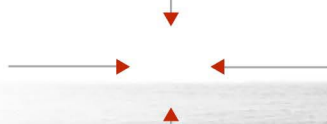




MARINE [GPS ANTENNA] AGGRESSOR-111-C



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Specifications

ELECTRICAL

Center Frequency	1575.42 MHz \pm 2 MHz
Bandwidth	10 MHz
VSWR	1.5 Max (Typical 1.2)
Axial Ratio @Zenith	3 dB Typical
Gain @10° Elevation	-1 dBi Typical
Radiation Efficiency	84.42%
Output Impedance	50 Ω
Polarization	RHCP (Right Handed Circular Polarization)

LNA (LOW NOISE AMPLIFIER)

Frequency	1575.42 MHz
Gain	28 dB Typical
VSWR	1.92 Max
Noise Figure	1.5 dB Typical
Out-Band Attenuation	20 dB min. @ 50 MHz
DC Power Input	3~5 V
Power Consumption	4.8 mA @ 2.7 V/6 mA @ 3.3 V/10.43 mA @ 5 V
Output Impedance	50 Ω

OVERALL PERFORMANCE (GPS ANTENNA, LNA and COAXIAL CABLE)

Frequency	1575.42 MHz
Gain	30 dB Typical
Noise Figure	1.5 dB Typical
Axial Ratio @Zenith	3 dB Typical
VSWR	1.5 Max (Typical 1.2)
Output Impedance	50 Ω

ENVIRONMENTAL

Operating Temperature	-30°C ~ +80°C
Storage Temperature	-40°C ~ +100°C
Relative Humidity	45% to 95% non-condensing
Water Resistance	100% waterproof

MECHANICAL

Dimension	90.5 mm (Diameter) \times 108.5 mm(H)
Ground Size	Diameter : 74 mm
Weight	105 grams (without cable)
Connector	TNC female
RF	10 M RG-58 Cable

