

A Company of Geoidsoft Inc.

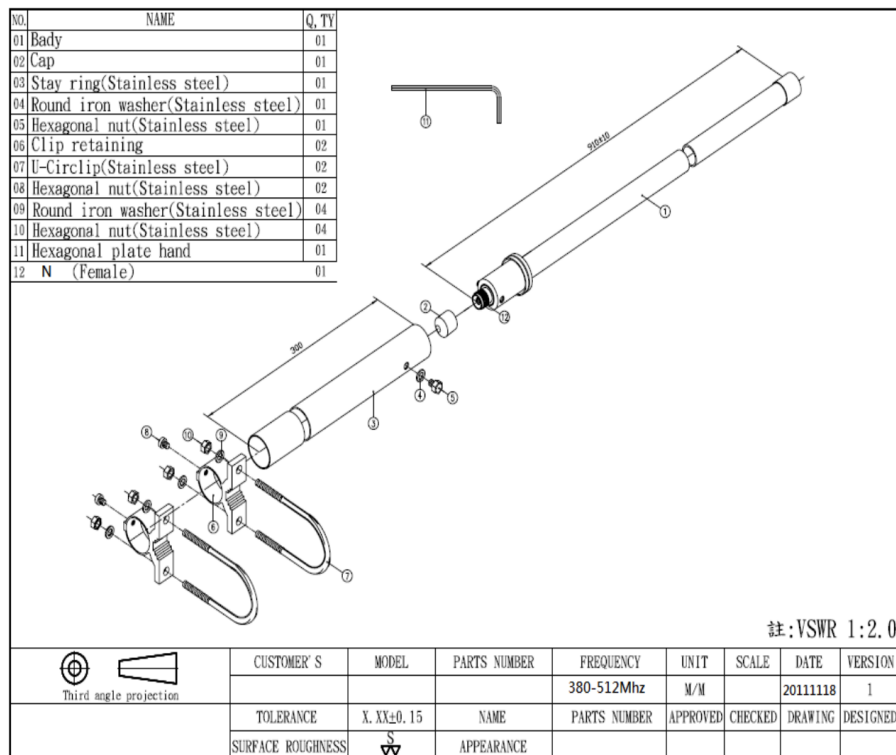
Marine GPS/UHF Combo Antenna

MGO-GUA-650P



MGO-GUA-650P is a combined high gain GPS and UHF antenna. It is a designed specially for marine UHF radio & GPS navigation systems.

Dimensions



Mobile GPS Online – Geoidsoft Inc.

3151 Strandherd Drive, P. O. Box 45535, Ottawa, ON K2J 0P9 Canada

<http://www.mobilegpsonline.com> e-mail: sales@mobilegpsonline.com

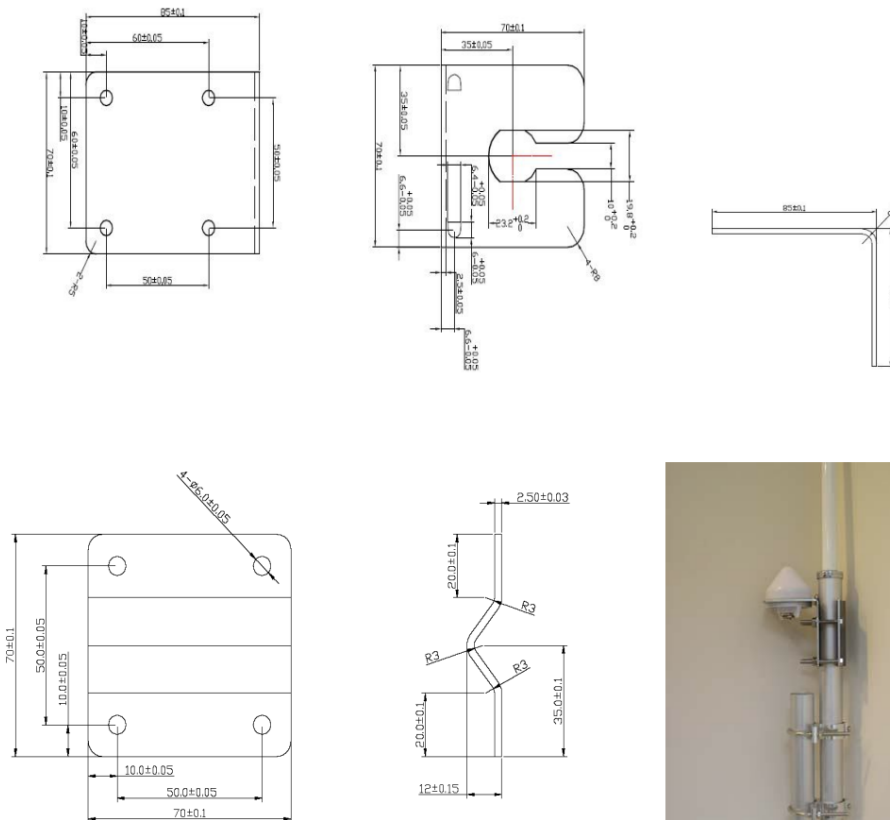
Tel.: 613-8230926

SUS L-Mounting

Model : FB-6



Size :



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Specifications

GPS Antenna Specifications: GA65P

Specifications	
Antenna Element	
Center Frequency	1575.42 MHz +/-1.023 MHz
Polarization	R.H.C.P. (Right Handed Circular Polarization)
Absolute Gain @ Zenith	+5 dBi typical Based on 70×70mm ground plane
Gain @ 10° Elevation	-1 dBi typical
Axial Ratio	3 dB max.
Output VSWR	1.5:1 Typ.
Output Impedance	50 ohm
Low Noise Amplifier	
Center Frequency	1575.42 MHz +/- 1.023 MHz
Power Gain	38db(3V) / 45db(5V) (Without cable +25°C±10°C)
Bandwidth	10 MHz min.
Noise Figure	1.6 Typ.
Outer Band Attenuation	20 dB min. @ Fo +/-50 MHz
Supply Voltages	3.0~5.0V DC
Current Consumption	21mA@ 3.0V DC, 25mA@ 5.0V DC
VSWR	1.5 max.
Output Impedance	50 ohm
Overall Performance: (antenna element, LNA & coax cable)	
Center Frequency	1575.42 MHz
Gain	38db(3V) / 45db(5V) (Without cable +25°C±10°C)
Noise Figure	2.0 max.
Bandwidth	10 MHz min.
Axial Ratio	3 dB max.
VSWR	1.5 max.
Output Impedance	50 ohm
Environmental Conditions	
Operating Temperature	-30°C to +80°C
Storage Temperature	-40°C to +100°C
Relative Humidity	40% to 95% non-condensing
Water Resistance	100% waterproof
Physical Constructions	
Dimensions	Antenna : 60mm(Dia.) × 45mm(H)
Weight	65 grams (without cable)
Standard Mounting	Bulkhead mount with 0.8 inch threaded wing nut (standard accessory).
Cable & Connector	
RF Connector	SMA(F) or TNC(F)
Cable Pulling strength	6 Kg @ 5sec. molded plastic on connector end for strain relief.

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OUTSIDE UHF BASE ANTENNA

MODEL: MUA-100A



SPECIFICATION

一. **ELECTRONICAL:**

1. ANTENNA TYPE 天線型式: Base Antenna
2. FREQUENCY 頻率: 380~512MHz
3. IMPEDANCE 阻抗: 50 Ohm
4. POLARISATION 極: Verticle
5. SWR: 2.0:1
6. MAX.POWER 最大功率: 50W

二. **MECHANICAL:**

1. MATERIALS 材質: Fiber
2. COLOR 顏色: White
3. TOTAL HEIGHT 總長度: 910m/m ±10
4. WEIGHT 重量: 1050g

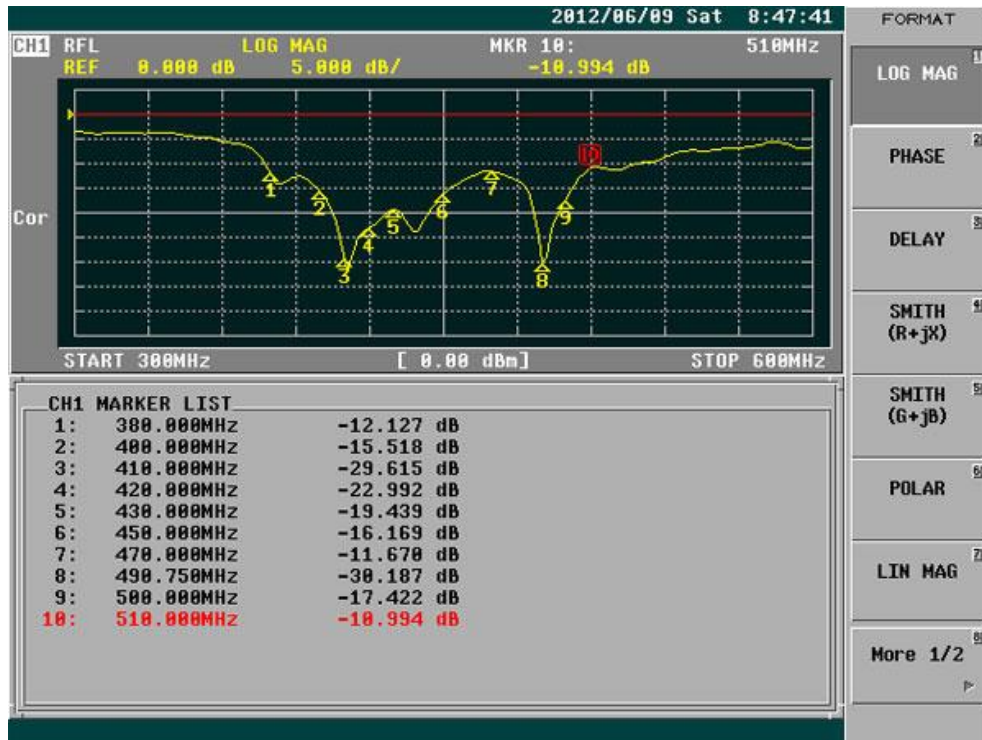
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Radiation Pattern



Radiation Pattern



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