

**MODEL: GVA-300***(Passive Antenna)*

AIS system &amp; boat manages the double frequency GPS/VHF Antenna

**Specifications:**

PHYSICAL CONDITION	
Constructions:	Polycarbonate radome, rubber-O-ring between top radome and screw base for waterproof
Dimensions:	47.2mm(Dia.) x 38mm(H)
Weight:	240grams
Color:	Standard in Black
Mounting:	Bulkhead mount with 0.46 inch threaded wing nut.
Cable & Connector	
RF cable:	60mm RG174/U
Pulling strength:	6 Kg @ 5sec. molded plastic on connector end for strain relief.
Connector available:	SMB90(SP)
Antenna Element	
Center Frequency:	1575.42 MHz +/-1.023 MHz
Polarization:	R.H.C.P. (Right Handed Circular Polarization).
Absolute Gain @ Zenith:	+2 dBi typical.
Gain @ 10° Elevation:	-1 dBi typical.
Axial Ratio:	3 dB max.
Output VSWR:	1.5 max
Output Impedance:	50 ohm
Environmental	
Operating Temperature:	-40°C~ +85°C.
Storage Temperature:	-45°C~ +90°C.
Relative Humidity:	95% non-condensing.
VHF Annt	
Frequency	156-165Mhz ( AIS System)
VSWR	<2.0 Max
Impedence	50Ω
Cable type	RG174
Cable length	50mm
Connector	SMB90(SP)
Power	5~10W

NO.	NAME	FINISH	Q. TY
01	W/d	Black	01
02	Top cap	Black	01
03	Base	Black	01
04	Screw set	Nickel plating	01
05	RF-174 A/T Cable	Black	02
06	SMB 90° (Male reverse)	Golden plating	02
07	Heat-shrink tube	Black	02
08	Nut hexagonal	Nickel plating	01

  
  

CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
			1575.42MHz 158-162MHz	M/M		20091112	2
TOLERANCE	NAME		PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
±.XX±0.15	APPEARANCE						
SURFACE ROUGHNESS							



