

# GV30 Specification Sheet

Material: ABS  
 Max. dimensions: 248mm x 110mm x 74mm (H x L x W)

## Navigation (Cable 1)

Parameters	GPS/GLONASS Antenna	
<b>Standard</b>	GPS / GLONASS	
<b>Band (MHz)</b>	1575	1602
<b>Frequency(MHz)</b>	1575.42	1598-1610
<b>Return Loss (dB)</b>	<-15	
<b>VSWR</b>	<1.4:1	
<b>Impedance</b>	50	
<b>Radiation Pattern</b>	Hemispherical	
<b>Polarization</b>	RHCP	
<b>Saw Filter</b>	Pre-Filter	
<b>Active Gain (dB)</b>	23 @ 3V / 24 @ 5V	
<b>Noise Figure (dB)</b>	1.2	
<b>Voltage (V)</b>	2.7 – 5.5	
<b>Current (mA)</b>	15 - 25	

## AIS (Cable 2)

Parameters	AIS Antenna
<b>Standards</b>	AIS
<b>Band (MHz)</b>	162 MHz
<b>Frequency (MHz)</b>	162
<b>Return Loss (dB)</b>	~-12.0
<b>VSWR</b>	~1.6:1
<b>Impedance (Ohm)</b>	50
<b>Polarisation</b>	Linear
<b>Radiation Pattern</b>	Omni-Directional
<b>Max. Input Power (W)</b>	25

