

## 1330FW Series

The 1330FW marine antennas are specifically designed to withstand continuous, long-term exposure to rugged or highly corrosive environments. Their radome is molded from high grade polymer resin for UV and abrasion resistance.

The antennas' element is a proprietary quadrifilar helix design which provides better gain on the horizon than can be achieved with a patch element. The marine antennas come with a threaded mounting base ready for installation.



1330FW

Band	Antenna Gain	Nominal Impedance	VSWR	Polarization	RF Input
1575.42 +/- 10 MHz (GPS L1)	4.5 dBic nominal @ zenith	50 ohms	< 1.5:1	Right hand circular	TNC female

### Mechanical Specifications

Antenna Dimensions	Antenna Weight	Radome Color
6.5" H x 3.1" D (with mount)	5.75 oz.	White

### Environmental Specifications

Temperature Range	Humidity
-40°C to +85°C	Up to 95%



### Low Noise Amplifier Specifications

<b>Frequency Band (MHz):</b> 1575.42 ±10 MHz (GPS L1)
<b>Gain:</b> 26 dB
<b>Nominal Impedance:</b> 50 ohms
<b>Output VSWR:</b> < 2.0:1
<b>Noise Figure:</b> 2.5 dB nominal
<b>DC Voltage:</b> 4.5 to 5.5 VDC
<b>DC Current:</b> 40 mA nominal
<b>Polarization:</b> Right hand circular
<b>Filtering:</b> Ceramic-dual