

## ART-10S Active GPS Antenna



## General Description:

- Low profile active antenna
- Vertical cable feed or bulkhead connector
- Easy installation
- Water proof design
- Silicone gasket seals and secures installation
- Metal locking nut to prevent theft

## Physical Specifications:

Parameter	Value
Dimensions:	60mmD x 15mm high (less threaded stud)
Weight:	160 grams (with cable & connector)
Mounting:	22 mm thru-hole
Coaxial Cable:	5m RG-174
Power Supply	2.5-5.5V DC
Input Current	12mA +/-2mA

**RoHS Compliant**

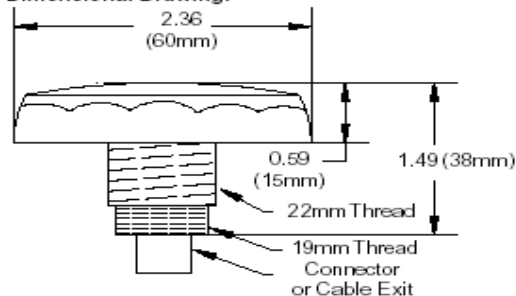
## RF Characteristics:

Parameter	Value
Center Frequency	1575.42 MHz
Bandwidth	2 MHz min.
LNA Gain	30dB typical (w/o cable)
Filtering	-20dB at Fo +/-50MHz
Axial Ratio:	3 dB max.
Output Impedance	50 $\Omega$
Output VSWR	2.0 dB maximum
Noise Figure	2.0 dB max.
Polarization:	Right Hand Circular

## Environmental Specifications:

Parameter	Value
Operating Temp	-40° C to +85° C
Storage Temp	-40° C to +85° C
Humidity	95% non-condensing

## Dimensional Drawing:



## Notes:

1. 22mm Thread is for wing nut.
2. 19mm Thread is for locking nut.
3. Bulkhead TNC model is shown without wing nut.

## Ordering Information:

Part Number	Configuration
10001396G	Bulkhead TNC jack
10001397G	5m cable, TNC plug
10001398G	5m cable, BNC plug
10001409G	Bulkhead, SMA jack
10001783G	9m cable, BNC plug

Other configurations available.

For configuration assistance, order placement and technical support call:



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