

## GPS HARDMOUNT ANTENNA

Option Q



**Hardmount** Antenna provides a permanent-mount antenna. Housed in a compact, low-profile package, the Hardmount Antenna is well-suited to mobile positioning applications.

The Hardmount Antenna is a miniature patch antenna with a 25 dB preamplifier. The antenna is designed for installation on vehicles with a 19mm mounting hole.

The antenna comes complete with gasket and mounting nut. May be installed on flat surfaces up to 2.5mm thick.

### Hardmount Antenna Technical Data

- **Weight:** 6.4 oz. (180g)
- **Dimensions:** 2.48 inch dia. x 1.6 inch ht. (63mm dia. x 40.5 mm ht.)
- **Connector:** TNC
- **Mounting:** 0.75 inch threaded mount
- **Operating Temp:** -40°C to + 85°C
- **Storage Temp:** -40°C to + 100°C
- **Prime Power:** 4.75 V (+.5 V)
- **Humidity:** 20% to 95% R.H.
- **Waterproof:** Submersible to 1 meter
- **Frequency:** L1 (1575 ) MHz
- **Power Consumption:** 40mA max
- **Impedance:** 50 OHMS
- **Polarization:** RHCP
- **VSWR:** 2.0 max
- **Vibration:** 10~200 Hz. Log. sweep 3
- **Axial Ratio:** 90° : 3.0 dB min. 20° : 6.0 dB min
- **Gain:** 28.0 dB min
- **Noise:** 2.0 dB max (+23°C) 2.5 dB max. (+80°C)

### FASTENING KIT IS INCLUDING

- 1 plate

