



## TW3100 Single Band GNSS Antenna

The TW3100 employs Tallysman's unique Accutenna® technology, covering GPS/QZSS L1, as well as SBAS (WAAS/EGNOS/MSAS).

Ideal for professional precision tracking and timing applications the TW3100 provides excellent circular polarized signal reception, great multi-path and out-of-band signal rejection.

The TW3100 features a customizable high performance, dual-feed, wide band patch element. Its Low Noise Amplifier (LNA) configuration provides a LNA for each feed, a mid-section Surface Acoustic Wave (SAW) filter for the combined signal, followed by a final stage of LNA. This configuration provides  $\pm 10$  MHz bandwidth centered on 1575.42 MHz

The TW3100 is housed in a permanent mount industrial grade weather-proof enclosure, available in conical or flat random styles and in grey or white colors. Two options for pole mounting are available an [L-Bracket](#) or a [Pipe Mount](#).

## Features

- Great axial ratio: 1dB typ.
- Low Noise Amplifier (LNA): 1 dB
- High rejection SAW filter
- High gain: 27 dB min.
- Low current: 14 mA typ.
- Wide voltage input range: +2.5 to 16 VDC
- IP69K, RoHS and REACH compliant

## Benefits

- Excellent multi-path rejection
- Increase system accuracy
- Excellent signal to noise ratio
- Great out of band signal rejection
- Ideal for harsh environments