



Affordable Precision GNSS Antennas

What is your application? **We can help!**

Precision OEM and Housed: Single, Dual, Triple and Full-Band antennas with optional L-Band support

Accutenna®, **Helical**, **VeroStar™**, and **VeraPhase®** Technologies

Accutenna® Technology

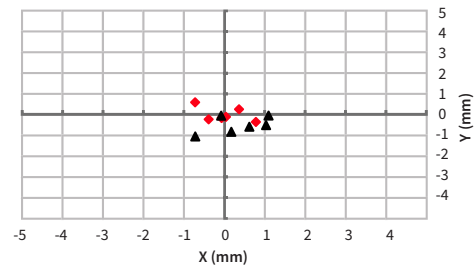
Provides low axial ratio and high multipath signal rejection. Suitable for the most demanding applications

Features

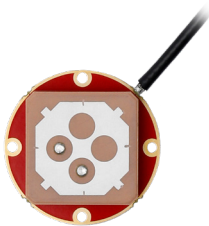
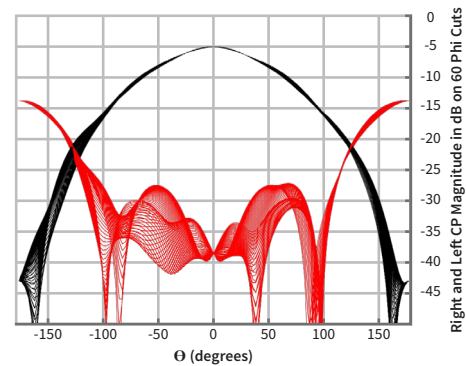
- Lightweight Single, Dual, Triple, and L-Band Corrections
- Very low-current options
- Patented Accutenna® Technology
- Pre-filtering options available
- Antenna customization (tuning, cables, connectors, radomes)
- Short lead times

Learn More: accutenna.tallysman.com

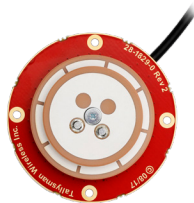
Tight Phase Centre



Great X-Pol Rejection



TW1700 Series
Embedded Single Band Antennas



TW1800 Series
Embedded Dual Band Antennas



TW2000 Series
Single Band Antennas



TW3000 Series
Single, Dual, and Triple Band Antennas



TW3000 Series
Embedded Single, Dual, and Triple Band Antennas



TW4000 Series
Single Band Antennas



TW7000 Series
Dual and Triple Band Antennas



TW8000 Series
Dual Band Antennas

Helical Technology

Unprecedented performance in a lightweight, military grade IP69K compliant form factor

Features

- Provides Single, Dual, Triple, and L-Band coverage
- Extremely lightweight (5g (OEM) - 37g)
- Novel Helical element
- Excellent axial ratio
- Low noise amplifier and pre-filter
- Embedded models coming soon



HC600

Iridium
Antenna

HC871

Dual Band
Antenna

HC975

Triple Band
Antenna + L-Band

[Learn More: helical.tallysman.com](http://helical.tallysman.com)

Model	Frequencies	Mounting
HC600	Iridium	Surface Mount / Direct Screw
HC771	L1, G1, E1, B1	Surface Mount / Direct Screw
HC871	L1/L2, G1/G2, E1, B1	Surface Mount / Direct Screw
HC872	L1/L2, G1/G2, E1, B1, L-Band Corrections	Surface Mount / Direct Screw
HC882	L1/L2, G1/G2/G3, E1/E5b, B1/B2, L-Band Corrections	Surface Mount / Direct Screw
HC975	L1/L2/L5, G1/G3, E1/E5a/E5b, B1/B2/B2a, L-Band Corrections	Surface Mount / Direct Screw

VeroStar™ Technology

Precise, accurate, robust, lightweight survey grade antenna

Features

- Patent pending innovative Full Band Antenna element
- Models provide full GNSS Band and L-Band support
- Excellent radiating pattern with low roll-off for excellent low elevation tracking
- Tight Phase Centre (± 2 mm)
- Excellent axial ratio for improved multipath rejection
- Innovative low-noise amplifier with superior out of band filtering
- Waterproof with IP69K compliance
- Embedded models coming soon



VeroStar™

Full Band and L-Band
Antenna

[Learn More: verostar.tallysman.com](http://verostar.tallysman.com)

Model	Frequencies	Mounting
VSP600L	All Bands, L-Band Corrections	Pole / Pipe
VSP610	L1, G1, E1, B1	Pole / Pipe
VSP620	L1/L2, G1/G2, E1, B1	Pole / Pipe
VSP630	L1/L2/L5, G1/G3, E1/E5a/E5b, B1/B2/B2a	Pole / Pipe
VSP650L	L1/L5, G1, E1/E5a, B1/B2a, L-Band Corrections	Pole / Pipe

VeraPhase® Technology

Features

- Patented Full GNSS Bandwidth Antenna
- ± 35 -50dB gain models available
- Extremely tight phase centre variation (± 1 mm) and excellent PCV repeatability
- TNC or N connector
- Exceptionally low axial ratio from Zenith to Horizon (< 2 dB) resulting in excellent multipath rejection
- Innovative low noise amplifier and filter to mitigate Ligado and LTE



VP6000 Series
VeraPhase® Antennas

Model	Frequencies	Mounting
VP6000	L1/L2/L5, G1/G2/G3, E1/E5a/E5b/E6, B1/B2/B2a/B3, L6, L5, L-Band Corrections	Standard Survey Mount
VP6100	L1/L2/L5, G1/G2/G3, E1/E5a/E5b/E6, B1/B2/B2a/B3, L6, L5	Standard Survey Mount
VP6200	L1/L2, G1/G2/G3, E1/E5b, B1/B2, L-Band Corrections	Standard Survey Mount
VP6300	L1/L2/L5, G1/G2/G3, E1/E5a/E5b, B1/B2	Standard Survey Mount

VeraChoke® Technology

Features

- Efficient VeraPhase Antenna element
- 50dB LNA gain
- Three dimensional choke ring to mitigate multipath
- N-Type connector
- Available with or without SCIGN radome
- Extremely tight phase centre variation (± 0.5 mm) and excellent PCV repeatability



VC6050
VeraChoke® Antenna

Model	Frequencies	Mounting
VC6050	L1/L2/L5, G1/G2/G3, E1/E5a/E5b/E6, B1/B2/B2a/B3, L6, L5, L-Band Corrections	Standard Survey Mount

Learn More: vera.tallysman.com

About Tallysman: With global headquarters and manufacturing in Ottawa, Canada, Tallysman is a leading manufacturer of high-precision antennas and components for Global Navigation Satellite System (GNSS) applications. Tallysman's mission is to support the needs of a new generation of positioning systems by delivering unprecedented antenna precision at competitive prices. Learn more at www.tallysman.com

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