



Affordable Precision GNSS Antennas

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

From Precise OEM to Single / Dual / Triple / Full-Band and L-Band Antennas.

With Accutenna®, Helical, VeroStar®, and VeraPhase® Technologies.

Accutenna® Technology

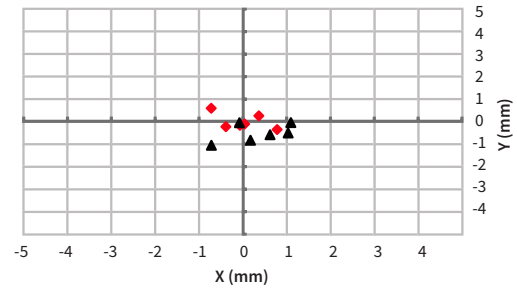
Provides low axial ratio and high multipath signal rejection. Suitable for the most demanding applications with unmatched precision in both size and price.

Features

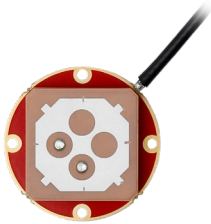
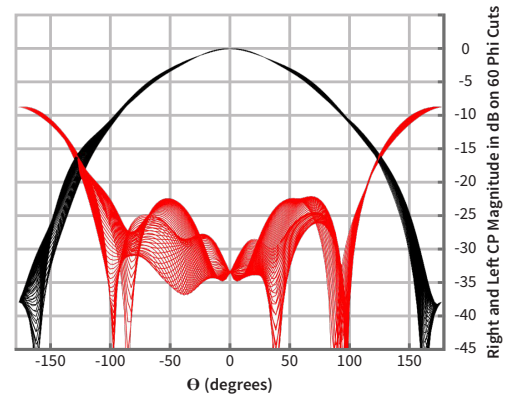
- Lightweight Single, Dual, Triple, and L-Band Corrections
- Very low-current options
- Patented Accutenna® Technology
- Pre-filtering options available
- Antenna customization (tuning, cables, connectors, radomes)
- Short lead times

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 GNSS and Iridium 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 (Embedded 12g, Housed 42g)
- Novel Helical element with excellent axial ratio
- Low noise amplifier and pre-filter
- Unique mounting ring for embedded models
- Ground Plane not required



Housed

Helical Antenna



Embedded

Helical Antenna

Learn More: helical.tallysman.com

Housed	Embedded	Frequency Bands	Mounting
HC600	HC600E	Iridium	Surface Mount / Direct Screw / Ring
HC771	HC771E	L1, G1, E1, B1	
HC871	HC871E	L1/L2, G1/G2, E1, B1	
HC872	HC872E	L1/L2, G1/G2, E1, B1, L-Band Corrections	
HC882	HC882E	L1/L2, G1/G2/G3, E1/E5b, B1/B2, L-Band Corrections	
HC977	HC977E	L1/L2/L5, G1/G2/G3, E1/E5a/E5b, B1/B2/B2a, L-Band Corrections	

VeroStar® Technology

Precise, accurate, robust, lightweight survey grade antenna

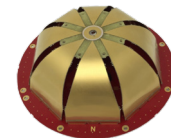
Features

- Best-in-Class low elevation angle tracking
- Patent pending innovative Full Band Antenna element
- Models provide GNSS Band and L-Band support
- Excellent radiating pattern with low roll-off for excellent low elevation tracking
- Geo++ Calibrated
- 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



Housed

VeroStar® Antenna



Embedded

VeroStar® Antenna

Learn More: verostar.tallysman.com

Housed	Embedded	Embedded Mini	Frequency Bands	Mounting
VSP6037	VSE6028	VSM6028	All Bands, Optional L-Band Corrections	Pole / Pipe / Direct Screw
VSP6237	VSE6228	VSM6228	L1/L2, G1/G2/G3, E1/E5b, B1/B2, Optional L-Band Corrections	
VSP6337	VSE6328	VSM6328	L1/L2/L5, G1/G2/G3, E1/E5a/E5b, B1/B2/B2a, Optional L-Band Corrections	

VeraPhase® Technology

Features

- Patented Full / Triple / Dual GNSS Bandwidth Antennas + L-Band option
- 35dB and 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	Frequency Bands	Mounting
VP6000	L1/L2/L5, G1/G2/G3, E1/E5a/E5b/E6, B1/B2/B2a/B3, L6, L5, L-Band Corrections	Standard Survey Mount
VP6200	L1/L2, G1/G2/G3, E1/E5b, B1/B2, L-Band Corrections	
VP6300	L1/L2/L5, G1/G2/G3, E1/E5a/E5b, B1/B2/B2a	

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 superior PCV repeatability



VC6050

VeraChoke® Antenna

Model	Frequency Bands	Mounting
VC6050	L1/L2/L5, G1/G2/G3, E1/E5a/E5b/E6, B1/B2/B2a/B3, L6, L-Band Corrections	Standard Survey Mount
VC6150	L1/L2/L5, G1/G2/G3, E1/E5b/E6, B1/B2/B2a/B3	

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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