



L1/L2GPSA-T L1/L2 Active GPS/GNSS + Omnistar/TerraStar Antenna



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Multi-GNSS High Performance Antenna

GNSS Systems: 1150 - 1290 MHz (GPS L2/L5; GALILEO E5A/E5B/E6; GLONASS L2/L3; BEIDOU B2/B3)
1500 - 1615 MHz (GPS L1; GALILEO E1; GLONASS L1; BEIDOU B1/B1-2)

The L1/L2GPSA-T L1/L2 Active GPS/GNSS/Omnistar/TerraStar Antenna is a high gain, multi-GNSS high performance antenna designed to meet stringent AAR environmental standards. The antenna features a multi-stacked patch design covering global GNSS frequencies, a multi-stage LNA and advanced filtering to combat the effects of adjacent band interference. The antenna has a hermetic seal, is AAR tested and approved. This antenna comes with a 5 year warranty.

Features

- High Gain (40dB typ.)
- Advanced Out-of-Band Filtering
- AAR Compliant
- Excellent Multipath Mitigation
- IP67 ingress protection
- Full GNSS Compatibility

Applications

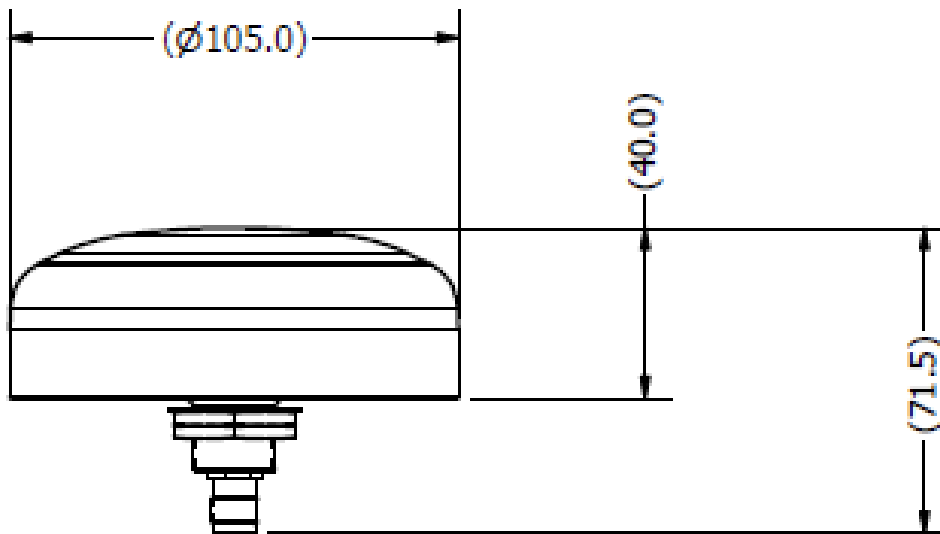
- PTC Rolling Stock Tracking
- Military Vehicle & Asset Tracking
- Precision Agriculture
- Differential Correction
- GNSS Indoor Reradiation
- High Accuracy Time Sync

ELECTRICAL SPECIFICATIONS - ALL BAND

LNA Gain	Nominal Impedance	Polarization	ESD	VSWR	Noise Figure	DC Voltage	DC Current	Out-of-Band Rejection	
40dB +/- 5dB	50 ohms	Right Hand Circular	>15k V	<2.0:1 (typ.)	3.0 dB (typ.)	2.5-12.0 VDC	37mA (typ.) <50mA (max.)	<1050MHz >80dB <1125MHz >30 dB >1350MHz >70 dB	<1450MHz >70dB >1690MHz >30dB >1730MHz >80dB

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Antenna Dimensions	Antenna Weight	Connector	Mounting Method	Radome Color	IP Rating	Radome Seal	Environmental Rating
4.13" D x 1.57" H (105.0 x 40.0 mm)	13.6 ounces	TNC Female	3/4" thru-hole or bracket	White	IP67	Gasket	AAR Compliant



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