Trimble LV59 Antenna HIGH PRECISION ANTENNA FOR LAND APPLICATIONS

The Trimble LV59 GNSS antenna is designed for various ground based applications. It supports centimeter-level accuracy through superior phase center stability and signal filtering.

COMPREHENSIVE GNSS SUPPORT

The Trimble LV59 antenna offers full support for current and near-future GNSS signals including GPS, GLONASS, Galileo, BeiDou, QZSS, IRNSS, OmniSTAR, Trimble RTX and SBAS.

ROBUST, LOW-MULTIPATH GPS ANTENNA

The LV59 antenna offers robust signal tracking. Coupled with advanced signal filtering to minimize multipath, the LV59 antenna is capable of delivering a centimeter-level solution.

Key Features

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- Comprehensive GNSS support including GPS modernization signals, GLONASS, BeiDou, Galileo, QZSS and IRNSS
- ► SBAS, L-Band support
- ▶ 5/8'' x 11 Mounting





DATASHEET

TECHNICAL SPECIFICATIONS

- Comprehensive GNSS Tracking:
 - GPS: L1, L2, L5
 - GLONASS: L1, L2, L3
 - Galileo: E1, E5a, E5b
 - BeiDou: B1, B2
 - QZSS: L1, L2, L5
 - IRNSS: L5
 - SBAS: WAAS, EGNOS, GAGAN, and MSAS – MSS: OmniSTAR, Trimble RTX
- 5/8" x 11 UNC female threaded aluminum mounting point

ENVIRONMENTAL QUALIFICATIONS

Conditions	DO-160D String Section Category		Description	
Temperature Variation	5	A	-55 °C to +85 °C 10° /min, 2 cycles	
Humidity	-	Method 507.4	MIL-STD-810-F	
Shock	-	Method 516.5	MIL-STD-818-F Procedure II	
Vibration	-	516.5C.3	MIL-STD-810-F, Section 514.5 CVII	

Trimble LV59 GNSS Antenna

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PHYSICAL AND ELECTRICAL SPECIFICATIONS
Dimensions
(5.75 in diameter x 2.46 in height)
Weight
Operating Temperature40 °C to +85 °C (-40 °F to +185 °F)
Altitude
Finish UV resistant white radome
with aluminum base
ComplianceROHS
Signal gain
Voltage
PolarizationRight Hand Circular
Axial Ratio
Amplifier Noise Figure 2.6 dBMax
Impedance
VSWR : ≤ 2.0:1

PART NUMBER

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C03167	 	 	Trimble LV5	69 Antenna

Specifications subject to change without notice.

Trimble.







TRIMBLE

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Contact your local dealer today

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