

Specifications

Trimble GA810 GNSS Antenna



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L1/L2/L5/G1/G2/G3/LBand/E1/E2/E5ab/E6

Frequencies

Signal Tracking

GPS, Glonass, OmniSTAR, SBAS, Galileo

Dimensions

dia 16.13 cm x 7.62 cm H
(dia 6.35" x 3.00" H)

Weight

0.57 kgs (1.26 lbs)

Antenna cable connector

TNC. Sealed

Mounting

5/8"-11 UNC thread mount

In-built magnetic mount

Operation temperature

-40 °C to +70 °C

(-40 °F to 158 °F)

Storage temperature

-40 °C to +85 °C

(-40 °F to 185 °F)

Environmental

Shock: MIL-STD-810-F to survive a 2m (6.56 ft) drop onto concrete

Vibration: MIL-STD-810-F on each axis

Humidity

100% humidity proof, fully sealed

Feed

2 point

LNA(Low Noise Amplifier) input

3.4 V DC – 12 V DC (130 mA Max)

LNA(Low Noise Amplifier) gain

L1 42 dB / L2 40 dB / L5 40 dB / G1 42 dB / G2 40 dB / LBand 42 dB

Power handling

Antenna compliance

CE

Phase stability

<4 mm Horizontal

<14 mm Vertical

L1, Antenna Phase Centre (APC)

0.0723m above Bottom of Antenna mount

Notes:

Specifications subject to change without notice.

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