

QEDGETM



QEDGE Active GPS L1L2 Antenna Model GPSL1L2A-R-20-TNC

This antenna is intended for reception of GPS L1 and L2 signals. The antenna signal is amplified in a low noise amplification circuitry. Power must be supplied as a DC voltage within a 3.5 to 15 VDC range, with positive voltage to the centre conductor. The antenna will only operate when powered.

Specifications

Model: GPSL1L2A-R-20-TNC

Frequency and polarisation

Frequency: GPS L1 & L2 (1227.6MHz and 1575.42Mhz,20Mhz BW)
Polarization: Right Hand Circular (RHCP)

Environmental

Temperature: -40 to +70 °C
ESD: contact 4kV, air 8kV
EMC: 10V/m 80-1000Mhz, 80% AM(1Khz)
Humidity: +25 to +55 °C and 90-98% RH
Vibration: 1g 10-200Hz
Shock: 10g 11ms half sine
Drop: 1.2m

Dimensions and weight

Height: 85 mm
Diameter: 160 mm
Weight: 200 g
Connector: TNC jack
Power supply: 3.5 to 15 VDC, 10 mA (+ to centre conductor)
Mount: 5/8" UNC
Enclosure: UV-stabilized polycarbonate

Contact info

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