

L1 & Dual L1-L2 GPS Antenna



Specifications

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|-------------------------|---|
| Frequency Range | 1530-1580 MHz (L1 Only) 1530-1580 & 1220-1230 MHz (Dual L1/L2) |
| Gain of Antenna Element | > 6dBic @ Azimuth > -10dBic @ 5 Degree Elevation |
| Polarisation | RHCP (Right Hand Circular) |
| Input Impedance | 50 Ohms |
| Azimuth Coverage | 360 Degrees |
| Elevation Coverage | 5-90 Degrees |
| Filtering | > 70dB @ FO +/-50MHz for L2 > 70dB @ FO +/-100MHz for L1 |
| LNA Gain | 50dB Typical – Standard Product |
| Input Return Loss | 20dB Typical |
| Noise Figure of LNA | < 0.7dB (0.5dB typical) @ 20C < 1.0dB @ 50C |
| RF Input Blocking | > 20dBm @ FO +/- 100MHz |
| DC Supply | 5 to 15 Volts |
| Power Consumption | 90mA Typical |
| RF Connector | N Female Socket 50 Ohms |
| Operating Temperature | -40 to +85C |
| Storage Temperature | -50 to +90C |
| Humidity | < 95% Non Condensing |
| Size (max) | 180mm Diameter, Height 40mm (excluding connector) |
| Weight | 600 Grams excluding pole mount |



PART NUMBER OPTIONS

