



Tri-Global Technologies

Asteri External Antenna

P300 Plastic Base



Performance

- Signal Received:
 - GPS L1/L2/L5
 - BDS B1/B2/B3
 - GLONASS G1/G2/G3
 - GALILEO E1/E5a/E5b/E6
 - L-Band
- Antenna Impedance: 50Ω
- Polarization: RHCP
- Axis Ratio: $\leq 3\text{dB}$
- Azimuth Coverage: 0 ~ 360 degrees
- VSWR: ≤ 1.5
- Maximum Gain: 5.5 dBi
- Phase Center Error: $\pm 2\text{mm}$

Mechanical

- Dimensions: $\Phi 150 \times 61\text{mm}$
- Weight: $\leq 400\text{g}$
- Mounting: $5/8" \times 11(\text{Inch})$
- Connector: TNC-K

LNA

- LNA Gain:
 - L1: $38 \pm 2\text{dB}$
 - L2: $40 \pm 2\text{dB}$
- Noise Figure: $\leq 1.8\text{dB}$
- VSWR: ≤ 2.0
- Passband Ripple: $\pm 2\text{dB}$
- Operating Voltage: DC3.3 ~ 12V
- Operating Current: $\leq 50\text{mA}$

Environmental

- Water/Dust Resistance: IP67
- Operating Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Storage Temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- Humidity: 95% Non-condensing

Contact Us

706-410-2372

info@triglobal.net

www.triglobal.net