

All-Band GNSS Antenna

Champion Choke Ring Antenna

Full Spectrum Absolute Calibration

GPS
GLONASS
Galileo
L-Band
BeiDou

Champion
INSTRUMENTS

*Ideal for CORS Base Stations
& Base Stations of Any Kind*



Champion
INSTRUMENTS


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Choke Ring All-Band GNSS Antenna

Model #PS9017

Application

- Base station application

Specification

- Frequency: 1166 - 1280 MHz,
1559 - 1610 MHz for:
GPS: L1 C/A, L2E, L2C, L5
GLONASS: L1 C/A, L1 P, L2 C/A, L2 P
BeiDou: B1, B2, B3
SBAS: L1 C/A and QZSS L1
Galileo: E1, E5A, E5B
Polarization: RHCP
Axial Ratio: 1 dB Typ. 3 dB max

LNA

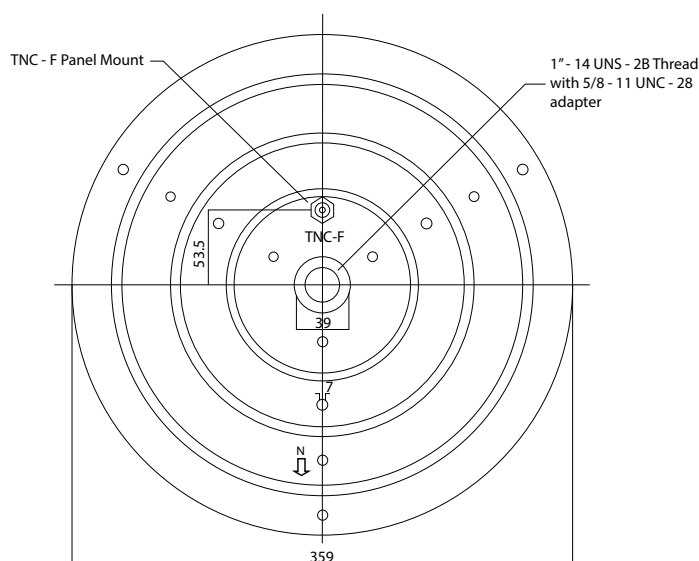
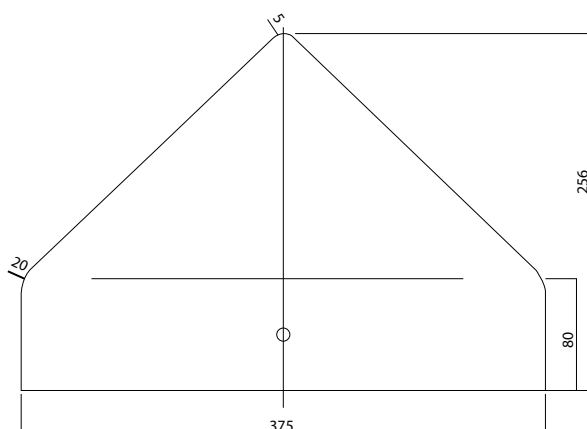
- Gain: 40 dB
- Noise Figure: < 2.0 dB
- Port VSWR: < 2.0 :1
- Voltage: 3.0 - 6.0 V DC
- Current Draw: < 65 mA
- Spike Voltage Withstanding: +/-20 DC
- ESD: 8 KV

Environment

- Operating Temperature: -40 °C - +85 °C
- Storage Temperature: -40 °C - +85 °C
- Humidity: 100%
- IP67 for internal antenna element

Standard Accessories

- Champion QB1



We will not let you fail.



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