

GNSS Survey Antenna GB1000

KEY FEATURES

- GPS L1/L2/L5/L-Band
- GLONASS L1/L2/L3
- BDS B1/B1C/B3
- GALILEO E1/E6/E5a/E5b
- QZSS L1/L2/L5/L6
- IRNSS L5
- SBAS L1/L5

◆ PERFORMANCE

Signal Received

GPS	L1/L2/L5/L-Band
GLONASS	L1/L2/L3
BDS	B1/B1C/B3
GALILEO	E1/E6/E5a/E5b
QZSS	L1/L2/L5/L6
IRNSS	L5
SBAS	L1/L5

Nominal Impedance 50Ω

Polarization RHCP

Axial Ratio ≤3dB

Gain At Zenith(90°)

1164-1130MHz	5.5dBi(Maximum)
1525-1615MHz	5.5dBi(Maximum)

LNA Gain 40dB(Typical)

Noise Figure ≤2dB

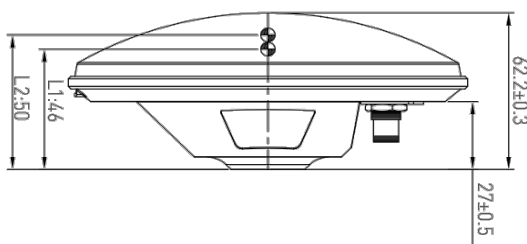
Output/Input VSWR ≤2.0

Operation Voltage +3.3VDC to +12VDC

Operation Current 45mA(Maximum)

Group Delay Ripple <5ns

◆ Structure & Phase Center Drawing (mm)



◆ MECHANICAL

Dimensions ø152*62.2mm

Connector TNC Female

Weight 500G

Mounting BSW5/8" -11 Screw, 12-14mm

◆ ENVIRONMENTAL

Temperature

Operating temperature -40°C to +85°C

Storage temperature -55°C to +85°C

Humidity 95% non-condensing

Water/Dust Resistance IP67

Regulatory Compliance NGS, FCC, CE, RoHS

◆ Inside the box

