

**GNSS Survey Antenna GB300**

**KEY FEATURES**

- GPS L1/L2
- GLONASS L1/L2
- BDS B1/B1C/B2/B2a/B2b/B3I
- GALILEO E1/E5b
- IP67



◆ **PERFORMANCE**

**Signal Received**

GPS	L1/L2
GLONASS	L1/L2
BDS	B1/B1C/B2/B2a/B2b/B3I
GALILEO	E1/E5b

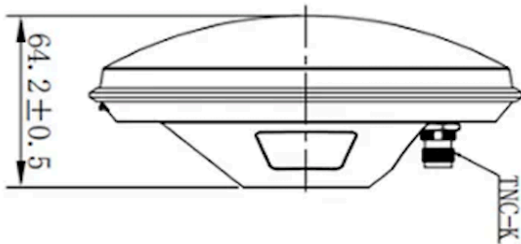
<b>Nominal Impedance</b>	50Ω
<b>Polarization</b>	RHCP
<b>Axial Ratio</b>	≤3dB

**Gain At Zenith(90°)**

1164-1130MHz	5.5dBi
1525-1615MHz	5.5dBi

<b>LNA Gain</b>	40dB
<b>Noise Figure</b>	≤2dB
<b>Output/Input VSWR</b>	≤2.0
<b>Operation Voltage</b>	+3.3 to +12V
<b>Operation Current</b>	≤45mA
<b>Group Delay Ripple</b>	≤5ns

◆ **Structure & Phase Center Drawing (mm)**



◆ **MECHANICAL**

<b>Dimensions</b>	φ154*64.2mm
<b>Connector</b>	TNC-K
<b>Weight</b>	400G

◆ **ENVIRONMENTAL**

<b>Temperature</b>	
Operating temperature	-40°C to +70°C
Storage temperature	-55°C to +85°C
Humidity	95% non-condensing
Water/Dust Resistance	IP67
Regulatory Compliance	

◆ **Inside the box**



GB300  
1.5M Cable(TNC-SMA)  
Base

