

601A

Overview

601A is a high performance survey GNSS antenna which offers superior satellite signal tracking, including BeiDou, GPS, GLONASS and GALILEO. It meets the requirements of high precision and multi constellation compatibility. And it can be used with a variety of receivers, suitable for various occasions.



Feature

1. High Phase Center Stability
2. Tracking in Challenging Environments
3. Strong Anti-interference Performance
4. Ruggedized Protection

SPECIFICATION

MODEL	601A
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PERFORMANCE

Signal Received	GPS L1/L2/L5/L-Band GLONASS L1/L2/L3 GALILEO E1/E5a/E5b/E6 BDS B1/B2/B3 QZSS L1/L2/L5/L6 IRNSS L5 SBAS L1/L5
Nominal Impedance	50Ω
Polarization	RHCP
Axial Ratio	≤3dB
Gain at Zenith (90°)	1164-1300MHz 6dBi(maximum) 1520-1615MHz 5.5dBi(maximum)

LNA

LNA Gain	40dB(typical)
Noise Figure	≤2dB
Output VSWR	≤2.0
Operation Voltage	+3.3 to +12VDC
Operation Current	≤45mA
Group Delay Ripple	< 5ns

MECHANICAL

Dimensions	∅173.4×62.6mm
Connector	TNC female
Weight	≤500g
Mounting	BSW5/8"-11 screw, 12-14mm

ENVIRONMENTAL

Operating Temperature	-40℃ to +85℃
Storage Temperature	-55℃ to +85℃
Humidity	95% non-condensing
Water/Dust Resistance	IP67
Regulatory Compliance	NGS, CE, FCC, RoHS

Note: The above information is for reference only and may be varied at delivery. For the latest data, please contact us.

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