



GNSS Antennas
THA-X601A

Four-system Full-frequency External
Handheld Antenna

THA-X601A Helix Antenna

THA-X601A is an external handheld antenna that covers four systems: GPS, GLONASS, BDS, GALILEO and L-Band. It finds extensive applications in industries such as surveying, mapping, navigation, and dispatching. It is particularly suitable for various applications in lightweight drones, including agriculture, surveying, aerial photography, remote telemetry, disaster monitoring, traffic patrol, and security surveillance.

SPECIFICATION

SIGNAL TRACKING	
GPS	L1/L2
GLONASS	G1/G2/G3
GALILEO	E1/E6/E5b
BDS	B1/B2/B3
L-Band	
ANTENNA FEATURE	
Nominal Impedance	50Ω
Polarization	RHCP
Axial Ratio	≤3dB
Azimuth Coverage	360°
Maximum Gain	3.5dBi
Output/Input VSWR	≤2.0
ANTENNA FEATURE	
LNA Gain	33±2dB
Noise Figure	≤2dB
Output/Input VSWR	≤2.0
Operation Voltage	+3.3VDC to +12VDC
Operation Current	≤55mA
Gain Flatness	±2dB
MECHANICAL	
Dimensions	φ40mm*82.6mm
Weight	≤45g
Connector	SMA-J
ENVIRONMENTAL	
Operating Temperature	-40°C to +70°C
Storage Temperature	-55°C to +70°C
Humidity	95% non-condensing
Protection	IP67

www.toknav.cn info@toknav.cn

Manufacturers may update parameters at any time, please refer to the latest product information.



Europe, North & South America
Tel & WhatsApp: +1(323) 847-7713 (Ian)
Asia, Africa & Oceania
Tel & WhatsApp: +86 139 2607 5986 (Jeffrey)

Guangzhou Toksurvey Information Technology Co., Ltd
No. 9 Caipin Road, Building B, Room 801-6,
Huangpu District, Guangzhou, China