Quad-Constellation Full-Band GNSS Antenna

Key Features

Frequency: GPS: L1/L2/L5

BDS: B1I/B2I/B3I

GLONASS: L1/L2/L3

GALILEO: E1/E5/E6

L-Band

SMA Male Connector

Dimensions: 40.8*40MM

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1. Antenna Specifications

Frequency	GPS: L1/L2/L5 BDS: B1I/B2I/B3I GLONASS: L1/L2/L3 GALILEO: E1/E5/E6 L-Band
Impedance	50Ω
Polarization	RHCP
Axial Ratio	<1.5dB
Horizontal Coverage Angle	360°
VSWR	<2.0
Peak Gain	5dBi
Phase Center Variation	±2MM

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2. LNA Specifications

Gain	35±3dB
Noise Figure	≤1.5dB
Output VSWR	≤1.8
Operating Voltage	3.0-6V
Operating Current	≤45mA
Differential Propagation Delay	<5ns

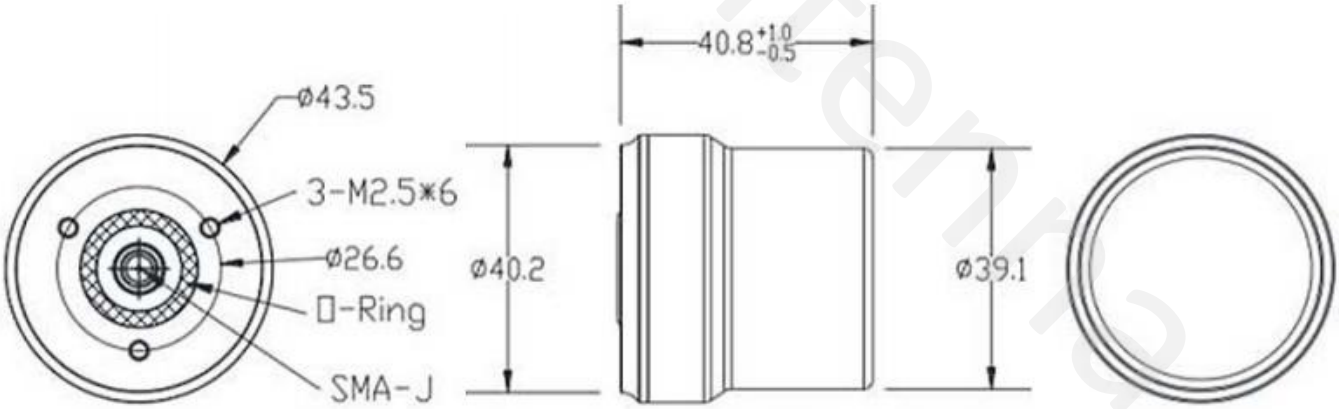
3. Structural Characteristics and Working Environment

Antenna Size	40.8*40MM
Weight	<30g
Connector	SMA Male
Mounting Type	Bottom Three-Position Screw Mounting
Operating Temperature	-40℃~+85℃
Storage Temperature	-55℃~+85℃
Humidity	95% non-condensing
Ingress Protection Rating	IP67

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4. Antenna Picture





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