

pajamas-560 GNSS antenna



1. Product introduction

pajamas -560 is a 4-star 9-band helical antenna. This antenna is characterized by its small size, high positioning accuracy and light weight, allowing it to effectively meet the needs of users.

2. Applications

Can be used with a variety of receivers. It is widely used in the fields of UAVs, mobile devices, and small RTK devices. It can also be used in military fields depending on the application conditions.

3. Specifications

Antenna specifications

Frequency range (MHz)	GPS L1/L2 Gronus L1/L2 BDS B1/B2/B3 Galileo E1/E5b
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Gain (dBi)	<3
Antenna AR (dB)	≤3
Horizontal cover angle	360°
VSWR	≤1.5
polarization	Right circular polarization
Port Impedance (Ω)	50
Phase center error (mm)	±2
Electrical specifications	
LNA gain (dB)	35±3
Noise figure (dB)	≤1.8
Operating voltage (V)	3.0V to 18.0V
Operating current (mA)	≤50
Output VSWR	≤2
In-band flatness (dB)	±2
Differential Propagation Delay (ns)	≤5
Structural features	
Connector type	SMA-J
Antenna size (mm)	Φ27.3×58.6
Antenna weight (g)	≤20
Work environment	
Operating temperature (°C)	-40 to 70
Storage temperature (°C)	-55 to 85
waterproof Grade year	IP67

If you are interested in this product, please feel free to contact us.

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