

pajamas -800S GNSS Antenna



►Product introduction

The PJ-800S is a 4-star full-frequency satellite navigation antenna. This antenna has high gain characteristics of miniaturization, high sensitivity, multi-system compatibility and high reliability, allowing it to effectively meet the needs of users.

1. Multiple feed point designs and fully symmetric antenna structure make it extremely stable Reduces measurement errors in phase centers and antenna pairs.
2. High gain: Low standing wave ratio, and the effect of receiving low altitude signals is clear, allowing stars to be received normally even in severe occlusion.
3. Equipped with anti-multipath choke plates . The anti-surge design effectively suppresses strong out-of-band interference signals, ensuring antenna reliability.
4. It uses anti-UV PC material design, beautiful and does not discolor the antenna shell even after long-term use outdoors. IP67 waterproof grade, high temperature resistance: Equipped with sunscreen and U" protection.

►Applications

This antenna is GPS L1/L2"L5, BDS B1 B2B3, GLONASS L1/L2"L3, GALILEO EI.E5aE5bE6, ABAS L1/L5, QZSS L1/L2"L5.L6, IrNSS L5, L band, and four antennas The star full-frequency external flying saucer antenna meets the current GNSS measuring equipment needs for multi-system compatibility and high accuracy users, can be used with a variety of satellite navigation receivers, and geodetic surveying and widely used in cartography, channels Surveying and Precision can be used in agriculture and marine surveying fields, as well as in military fields depending on the application conditions.

►Specifications

Antenna specifications	
frequency Range (MHz)	GPS L1/L2X5 BDS B1B2B3 Gronus L1L2L3 Gaureo EI/E5a , E5bE6 Abas Lee, L5 QZSS L1/L2"L5/L6 IRNSS L5 L Band
Gain (dBi)	5.5
Antenna AR (dB)	<3.0
Horizontal cover angle	360°
VSWR	<2.0
Phase center error (mm)	±2
polarization	Right circular polarization

Port Impedance	50Ω
Electrical specifications	
LNA gain (dB)	40±2
Noise figure (dB)	<2
VSWR	<2.0
In-band flatness (dB)	±2
Operating voltage (V)	3.3-12.0
Operating current (mA)	<45
Differential Propagation Delay (ns)	<5
Center Structural features	
Connector type	TNC-K
Antenna size (mm)	154*64.2
Weight (g)	420
Work environment colour Mento	
Operating temperature (°C)	-40 to 85
Storage temperature (°C)	-55 to 85
Waterproof grade	IP67

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

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