

Pajamas-300D GNSS antenna



►Product introduction

of P.J. The -300D is a 4-stAR multifrequency satellite navigation antenna with high gain, miniaturization, high sensitivity, multi-system compatibility and high reliability, and can effectively meet the needs of the user.

1. It adopts a multi-feed point design and a completely symmetric antenna structure, and the phase center is very stable, reducing measurement errors in the antenna pair.
2. High gain, low standing wave ratio, clearly receiving effect on low elevation signals, allowing stars to be collected well even in severe shielding.
3. Equipped with anti-multipath choke plates with anti-surge design, effectively suppress strong out-of-band interference signals, ensuring antenna reliability.
4. Uses anti-UV PC material design, beautiful and the antenna shell will not discolor even after long-term

outdoor use. It has IP67 waterproof grade, high temperature resistance, sun protection and UV protection.

► Applications

This antenna is a 4-star multi-frequency external flying saucer antenna for GPS L1/L2 Glonass L1/L2 BDS B1I/B1C/B2I/B2a/B2b/B3I GALILEO E1/E5b, current GNSS compatible with multi-systems Covers high-precision users. Measuring equipment. It is widely used in geodetic surveying, navigation, precision agriculture, marine surveying, etc., and can also be applied to military fields depending on the conditions of application.

► specification

Antenna specifications	
frequency Range (MHz)	GPS L1/L2 GLONASS L1/L2 BDS B1I/B1C/B2I/B2a/B2b/B3I GALILEO E1/E5b
Gain (dBi)	<5.5
antenna AR (dB)	≤3.0
Horizontal coverage angle	360°
VSWR	≤2.0
Steps center Error (mm)	±2
Polarization	Right hand Round Polarization
port Impedance	50Ω
LNA Gain (dB)	40±2
noise Number (dB)	≤1.8
VSWR	≤2.0
In-band Flatness (dB)	±2
operating Voltage (V)	3.3V- 12.0V
operating the current	≤45mA
Differential propagation Delay (ns)	≤5
Structural Features	
connector type	TNC-K
antenna Size (mm)	Φ160×66.5
Weight (g)	400
work environment	
operating Temperature (°C)	- 85
Storage Temperature (°C)	- 85
waterproof Grade year	IP67

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

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