UAVSale

WNS-500 Four Channels GNSS Anti-jamming System

MD-P00818 · md-wns-500-four-channels-gnss-anti-jamming-system

The anti-jamming system is designed to receive, amplify, down-convert, filter, and perform anti-jamming processing for 4 channels of BDS_B1, GPS_L1 and GLONASS_L1 frequency signals. It operates on a power supply voltage of +12V to +32V. It is composed of composed of four main components: antenna arr

TECHNICAL SPECIFICATIONS

4-channels	BDS_B1, GPS_L1, and GLONASS_L1 antenna array (Selectable frequency points: GLONASS_L1/ BDS_B3)；
B1	1561.098MHz 2.046MHz；
L1	1575.42MHz 1.023MHz；
G1	1601.5 MHz 8.5 MHz+；
RF output power	-55dBm to -65dBm；
Impedance	50 Ohms ；
Anti-jamming types	Capability to suppress various jamming types such as broadband, frequency sweep, pulse, and combination jamming；
Multi-jamming resistance	Capable of countering 3 interference sources from different directions simultaneously；
Nominal Wideband Suppression(Single direction)	Jamming-to-signal ratio (JSR) 105dB@-130dBm；
Nominal Wideband Suppression(Three directions)	Jamming-to-signal ratio (JSR) 95dB@-130dBm；
Broadband jamming suppression capability	60dB；
Operating temperature	-40℃ to +75℃；
Storage environment	-45℃ to +80℃；
Dimensions	(125.0 1)mm (125.0 1)mm (48.0 1)mm；
Power consumption	20W；
Weight	650g（Aluminum alloy material）
Positioning accuracy	10m；
Velocity accuracy	0.2m/s.

CERTIFICATION

Certification status is confirmed per order and is not published in the catalogue listing. Request the current declaration, test reports or conformity certificates from our sourcing team.

ORDERING INFORMATION

Model	WNS-500 Four Channels GNSS Anti-jamming System
Part number	MD-P00818
Lead time	30 days
Minimum order	1 unit
Supply	made_to_order

Generated from the UAVSale product catalogue. Figures are manufacturer-supplied and subject to configuration. For the current revision and full documentation set, contact our sourcing team.