

SIGN4L

GPS-PROTECT AJ200-BT

PROTECT SIGNALS. COMPLETE MISSIONS.



RUGGEDISED PROTECTION FOR GPS RECEIVERS AGAINST RF INTERFERENCE AND/OR STRONG JAMMING SIGNALS

The SIGN4L GPS-Protect AJ200-BT uses advanced digital signal processing and array antenna technology to effectively protect GPS receivers from RF interference and/or strong jamming signals. Encased in a ruggedised mechanical housing, it is ideal for platforms operating in harsh environments.

Offering easy installation, this solution for countering narrow band (NB) and broadband (BB) jammers is suitable for UAVs, aircraft, vehicles, vessels and guided weapons.

SPECIFICATIONS

KEY FEATURES

- Counters narrow band (NB) and broadband (BB) jammers
 - Anti-jamming module provided in ruggedised mechanical housing designed to withstand harsh environments
- Customised antenna enclosure to best fit specific platforms
 - Works with legacy GPS receivers
 - Easy installation

SPECIFICATIONS

GNSS protection	GPS L1, L2, Galileo E1 and BeiDou B1
Single jammer	Up to 105 dB JSR
Several jammers (up to 3)	NB: Up to 100 dB JSR, BB: Up to 85 dB JSR
Number of RF out channels	1
Number of antenna array elements	4
Power consumption	23 W
Weight	Standard antenna: 2.035 kg / Compact antenna: 1.835 kg
Operating temperature	-40°C ~ +70°C
Environmental	Design to meet MIL-STD-461G, 810H