



GPS-PROTECT AJ300-BT

CUSTOMISED PROTECTION. CLEAR CONNECTION.



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

The SIGN4L GPS-Protect AJ300-BT uses advanced digital signal processing and array antenna technology to effectively protect GPS receivers from RF interference and/or strong jamming signals. With a ruggedised form factor and customisable antenna enclosure, the GPS-Protect AJ300-BT is ideal for aircraft, vehicles, vessels and guided weapons.

Offering easy installation, this solution for countering narrow band (NB) and broadband (BB) jammers also works with legacy GPS receivers.

SPECIFICATIONS



KEY FEATURES

- Counters narrow band (NB) and broadband (BB) jammers
- Anti-jamming module provided in ruggedised mechanical housing designed to withstand harsh environments
- CRPA antenna enclosure can be customised to best fit specific platforms

- Works with legacy GPS receivers
- 8 antenna array elements
- Installation in aircraft, vehicles, vessels and guided weapons

SPECIFICATIONS

GNSS protection	GPS L1, L2, Galileo E1 and BeiDou B1
Single jammer	105 dB JSR (typical)
Several jammers (up to 7)	NB: Up to 95 dB JSR, BB: 90 dB JSR
Number of RF out channels	1
Number of antenna array elements	8
Power consumption	30 W
Input Voltage Power Supply	24 VDC (nominal), 16-32 VDC (maximum range)
Weight	2.635 kg
Operating temperatur	-40°C ~ +70°C
Environmental	Design to meet MIL-STD-461G, 810H