

7-6150 DACU4c

Compact All-in-One Anti-Jam System

Key features:

- **Four Channels**
- **Flexible interfaces for ease of integration**
- **Optional data connector and power over existing RF feed**
- **Anti-Spoof ready**
- **Rugged power supply**
- **Reconfigurable baseplate**
- **Software upgradable**
- **Suitable for retrofitting**

Chelton's latest GPS Anti-Jam development is the DACU4c; a compact, high performance system integrating a four channel CRPA along with advanced miniaturised GNSS Anti-Jam processing electronics.

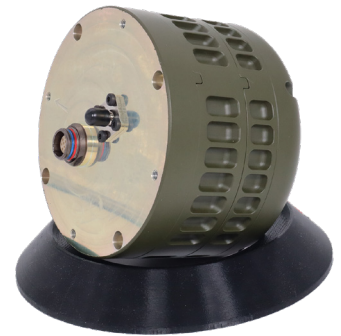
The system is designed to maximise installation flexibility, through optional power and diagnostics data over RF (permitting the use of a single cable), and a highly reconfigurable baseplate to allow the mounting holes and connector type/ position to be tailored to the target platform.

Use of Chelton's established and field-tested GNSS Anti-Jam core firmware provides a high degree of protection against complex threat scenarios and in highly dynamic environments. A software definable core allows future upgradeable 'Signal Intelligence Apps' to be hosted, providing the user with situational awareness of the battlefield environment and allows feedback into mission planning activities.

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**Black stand in image is for photographic purposes only. This does not form part of the DACU4c unit.*



PRODUCTION DACU4C PERFORMANCE

Protection	Space Time Adaptive Processing (STAP) > 90dB J/S
Situation Awareness App Support	Direction finding Jammer classification Anti-Spoofing
Threat Mitigation	3 spatially separated broadband interferers per band
Coverage	L1/E1 and L2
Services	GPS SBAS, C/A, P(Y) and M-Code Galileo E1 OS, QZSS C/A, L1C, L2C
Interfaces	RF Output (unjammed GPS signal) Optional data interface (control and diagnostics) Optional data encoded over RF cable Optional DC power bias over RF cable
DC Power	28V @ < 17 W
Dimension (ØxH)	120 x 85mm
Mounting	Highly reconfigurable as required Standard: 4x M5 threaded inserts in baseplate
Weight	< 1.0kg
Environmental Qualification	For land, rotary wing, fixed wing and UAS MIL-STD-810, MIL-STD-461, MIL-STD-1275