

DAU-7060

Inmarsat Satcom Diplexer/Low Noise Amplifier

COBHAM

Data Sheet

The most important thing we build is trust

Description

The DAU-7060 DLNA separates transmit and receive signals and amplifies the received signal. It ensures that specified signals in the transmit band from the HPA are transmitted to the antenna with minimal power leaks into the receive band Low Noise Amplifier (LNA). It also filters unwanted harmonics generated in the HPA, providing protection against interference with other systems. It is ARINC-741 compliant and is compatible with Aero H/H+, Swift64 and SwiftBroadband systems.

Features

- Flexible installation, no special alignment requirements
- Qualified for installation in non-pressurized and non-temperature controlled environments
- Suitable for use with multichannel SwiftBroadband avionics that produce a 3rd order inter-modulation product < -38.7 dBc
- ARINC-741 Modified Type A with reduced insertion loss at low end of Tx Band
- Full Inmarsat Tx and Rx Band filtering for use with SwiftBroadband

Technical Specifications

Dimensions

Length: 281 mm (11.06")
Width: 187 mm (7.36")
Height: 48 mm (1.87")
Weight: 2.5 kg (5.5 lbs)

Interfaces

RF: TNC Female
Tx: N-Type Female
Rx: TNC Female
Control: Multi-pin (MS3112E12-10P)
28 Vdc @ 150 mA
115 Vac / 400 Hz @ 100 mA RMS

Qualification

DO 160E:
[F2X]AB[BD][U2(FF1)R(EE1Y)S(CLMY)HCR]E
WXXFXZ[A(WF)A(CF)]A[K(WF)K(CF)]
[CWCC][[GY)(WR)]H[A3J44]XAAC

Certification

804-10-0017: FAA TSO
677-A0179: ZA TSO

Inmarsat approvals

Type Approval: DTACH01
28 May 2008

SBB assessment: Multichannel
Avionics to provide 3rd order
Inter-Mod @ < -38.7 dBc

For further information, please contact:

[Cobham Antenna Systems, Cape Town](#)

Tel: +27-21-700-7000

Fax: +27-21-700-7199

Email: swiftbroadband@cobham.com

or:

Distributed By:

