

SwiftBroadband

Single Channel Compact

COBHAM

Data Sheet

The most important thing we build is trust

Description

The Cobham Compact SwiftBroadband (SBB) system is a modular single channel system consisting of a Satellite Data Unit (SDU) and a combined High Power Amplifier and Diplexer/ Low Noise Amplifier, referred to as the HLD. The HLD reduces box-count, system weight and complexity. The equipment supports applications such as VPN, e-mail, phone calls and internet browsing. SwiftBroadband is a packet based network that offers both streaming class pay-per-minute services and background class pay-per-Mbyte services.

Features

- Only 2 compact and lightweight components
- Single Channel system
- Modular units make for flexible installation options
- Can be used with a variety of High Gain (Class 6) and Intermediate Gain (Class 7) antennas
- Different interface options to suit your applications
- Built in GPS receiver

Technical Specifications

Physical

SDU: 2 MCU single channel @ 3.0 kg (6.6lbs)
HLD: 160 mm x 190mm x 60 mm
6.3" x 7.5" x 2.4"
2.3kg (5.1lbs)

Interfaces

User:

Ethernet 4x 10BaseT Ports
DHCP Server
Power Over Ethernet 16W - Group 1
PPPoE
Front Panel Maintenance Port
ISDN 2xISDN S/T Bus
POTS 4x Two-wire phone interfaces

Navigational Inputs:

ARINC 429: IRS, AHRS, Cobham SRU
ARINC-743 GPS Receiver

Mil 1553

Qualification

DO 160E:
SDU-7320 - F2XBAB[U2(FF1)S(LMB)]EYXXFXZ
[AB]AR[ZW][RR]M[A3E3X]XXAC
HLD-7260 - F2XBAB[U2(FF1)S(LMB)]EYXXFXZ
[AB]AR[ZW][RR]M[A3E3X]XXAC

Inmarsat approvals

Type Approval: Class 6 Single Channel
B6CH01
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