

The most important thing we build is trust

Description

The Cobham SwiftBroadband (SBB) dual-channel system is a modular system consisting of a Satellite Data Unit (SDU) and a High Power Amplifier (HPA). The SDU is available in both 2 MCU and 3 MCU sizes for new and Swift64 upgrade installations respectively. The equipment enables 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 or Dual Channel systems available
- 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)
 2 MCU dual channel @ 3.2 kg(7.0lbs)
 3 MCU available

HPA: 2 MCU @ 4 kg (8.8 lbs)

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-7320/30 - F2XBAB[U2(FF1)S(LMB)]EYXX
 FXZ[AB]AR[ZW][RR]M[A3E3X]X
 XAC

HPA-7450 - F2XBBB[U2(FF1)S(LMB)]EYXXFXZ
 [AB]AR[CW][RR]M[A3E3X]XXAC

Inmarsat approvals

Type Approval: Class 6 Multi Channel
 B6CH01
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For further information, please contact:

Cobham SATCOM
 PO Box 31093
 Tokai 7966
 Cape Town, South Africa
 Tel: + 27 21 700 7000
 Fax: + 27 21 700 7199
 Email: satcom.capetowninfo@cobham.com
 or:

Distributed By:

