

Two-Channel Active Optical Fibre Channel Splitter and Chassis



Features

- Two independent, full-duplex optical Fibre Channel receivers
- Separates two optical inputs into four optical outputs
- Supports up to 2.125 Gbps bit rate per port
- Receives and transmits light at 850 nm wavelength
- Interfaces with 50/125 μm multimode fiber (MMF)
- Optical Fibre Channel 1 Gbps and 2 Gbps adheres to ANSI X3T11 Fibre Channel industry standards
- Optical interfaces provided on two I/O connectors
- Powered by +28 VDC standard aircraft power

Description

The OXB-102-1 is a two-channel active optical splitter that generates four optical output signals from two input signals for each channel. Each Fibre Channel receiver is capable of data rates of up to 2.125 Gbps.

The OXB-102-1 requires no software configuration and has no programmable parts on board.

The optical splitter chassis, model OXB-1005-1, is exclusively designed for the OXB-102-1 and can accept up to five OXB-102-1 cards. It includes a power supply (PSM-1005) and a backplane that delivers power to the OXB-102-1 cards. A fully populated chassis will accept 20 optical input signals and 40 optical output signals. The OXB-1005-1 contains no software or firmware and requires no configuration.

Applications

- High-speed and networked data acquisition systems
- Flight test data recording
- Flight test instrumentation
- System safety monitoring

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OXB-102-1, OXB-1005-1 Datasheet

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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