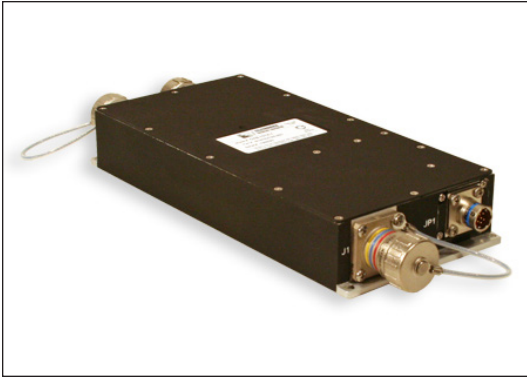


Single-Channel Active Optical Splitter



Applications

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

Features

- Provides an active “tap” off a full-duplex optical link
- Supports up to 2.125 Gbps bit rate per port
- Receives and transmits light at 850 nm wavelength
- Interfaces with 62.5/125 μm multi-mode fiber (MMF)
- Compatible with standard 1X and 2X Fibre Channel
- Optical interfaces provided on three 38999 connectors
- Powered by +28 VDC standard aircraft power

Description

The OXB-101A-1 is a single-channel active optical splitter that contains one full-duplex optical splitter. Each input optical signal is split and buffered into two output signals. It interfaces with 62.5/125 μm multi-mode fiber (MMF), receiving and transmitting light at 850 nm wavelength (nominal).

The OXB-101A-1 has three (3) 38999-type connectors and one circular input power connector. The OXB-101A takes power from +28 VDC.

The OXB-101A-1 has no programmable parts on board and requires no software configuration.

Revision 05/13/2015

OXB-101A-1 Datasheet

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