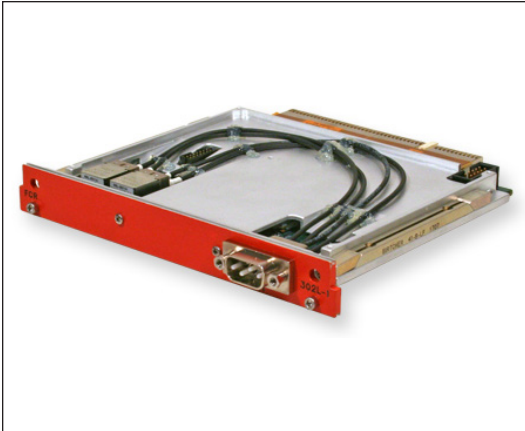


2-Channel Chapter 10 Optical Fibre Channel Receiver Card



Applications

- High-speed data acquisition systems
- Flight test data recording
- Flight test instrumentation

Features

- For use in TTC'S AIM and HS-AVDAU products
- Two (2) independent optical Fibre Channel receivers (receive only)
- Adheres to ANSI open Fibre Channel standards
- Each channel supports half-duplex operation
- Each interface capable of 1 Gbps line rate
- Interfaces provided on single optical D-Subminiature connector
- Interfaces to customized 66Mhz- 64bit CompactPCI® Bus interface
- Full-speed (1G) operation using 62.5um/125.0um multimode graded index fiber optic cable
- Multiple FCR-302L cards can operate simultaneously in a single chassis
- +3.3VDC operation

Description

The FCR-302L is a dual optical Fibre Channel receiver board for use in TTC's Airborne Instrumentation Multiplexer (AIM) and High-Speed Avionics Data Acquisition Unit (HSAVDAU) products. The FCR-302L provides two (2), receive only, optical Fibre Channel receivers; that adhere to the open system Fibre Channel standards set and maintained by the American National Standards Institute (ANSI) Task Group X3T11. Each Fibre Channel receiver is capable of data rates of 1 Gbps. The Fibre Channel receiver pairs are accessible at the FCR-302L faceplate via a 4 fiber optical D-Subminiature receptacle. One or more FCR-302L cards can simultaneously reside in the AIM and HSAVDAU chassis. The FCR-302L driver and application software are available on the overhead card that resides in the same chassis as the FCR-302L.

Revision 05/11/2015

FCR-302L Datasheet

©2015 Teletronics - A Curtiss-Wright Company
 Specifications subject to change without notice.

Approved for Public Release 16-S-0010



CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

Teletronics - A Curtiss-Wright Company
 15 Terry Drive, Newtown, PA 18940
 phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

www.ttcdas.com