

### 4-Channel Optical Fibre Channel Interface 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
- Four (4) Independent Optical Fibre Channel Interfaces
- Adheres to ANSI Open Fibre Channel Standards
- Each Channel Supports Full-Duplex Operation
- Each Interface Capable of 2.125Gbps Line Rate
- Interfaces Provided on Single Optical D-Subminiature Connector
- Interfaces to Customized 66Mhz-64bit CompactPCI® Bus Interface
- Full-Speed Operation using 50.0um/125.0um Multimode Graded Index Fiber Optics Cable
- Multiple FCH-304L cards Can Operate Simultaneously in a Single Chassis
- +3.3 VDC operation

#### Description

The FCH-304L is a Quad Optical Fibre Channel interface board for use in TTC's Airborne Instrumentation Multiplexer (AIM) and High-Speed Avionics Data Acquisition Unit (HSAVDAU) products. The FCH-304L provides four full-duplex optical Fibre Channel interfaces that adhere to the open system Fibre Channel standards set and maintained by the American National Standards Institute (ANSI) Task Group X3T11. Each full-duplex Fibre Channel interface is capable of data rates up to 2.125 Gbps. The four optical Fibre Channel interface pairs are accessible at the FCH-304L faceplate via an 8 fiber optical D-Subminiature receptacle. One or more FCH-304L cards can simultaneously reside in the AIM and HSAVDAU chassis. The FCH-304L driver and application software are available on the Overhead card that resides in the same chassis as the FCH-304L.

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#### FCH-304L Datasheet

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 Specifications subject to change without notice.

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CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

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