

## 2-Channel 1.0625Gbps Electrical Fibre Channel Card



### Applications

- High-Speed Avionics Data Acquisition
- Flight Test Data Recording
- Flight Test Instrumentation

### Features

- For use in TTC'S AIM and HS-AVDAU Products
- Two Independent Electrical Fibre Channel Interfaces
- Each Interface Capable of 1.0625Gbps Bitrate
- Each Interface Provided on a Separate D-Subminiature 9-Pin Connector
- Adheres to ANSI and Fibre Channel Industry Association Standards
- Interfaces to Customized 66Mhz- 64bit CompactPCI® Bus Interface
- Fibre Channel Interfaces Transformer Coupled to Line
- Full-Speed Operation with Fibre Channel Cable Lengths up to 100ft.
- Multiple FCH-302E cards can Operate Simultaneously in a Single Chassis
- 3.3 VDC operation

### Description

The FCH-302E card is designed for use in both TTC's Airborne Instrumentation Multiplexer (AIM) and High-Speed Avionics Data Acquisition Unit (HSAVDAU) products. The FCH-302E board provides two electrical Fibre Channel interfaces each capable of bit rates up to 1.0625 Gbps. The two electrical Fibre Channel interfaces are accessible at the FCH-302E faceplate via two 9-pin D-Subminiature receptacles. Each 9-pin connector corresponds to a single independent electrical Fibre Channel interface. The FCH-302E interfaces directly to a custom CompactPCI® like high-speed bus. A 15-pin D-Subminiature receptacle is provided for manufacturing test purposes only. One or more FCH-302E boards can simultaneously reside in the AIM and HSAVDAU chassis.

Revision 03/23/2009

### FCH-302E Datasheet

©2009 Teletronics Technology Corporation  
 Specifications subject to change without notice.



Teletronics Technology Corporation  
 15 Terry Drive, Newtown, PA 18940  
 phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

[www.ttcdas.com](http://www.ttcdas.com)