

Cartridge Adaptor Unit



Applications

- Airborne Data Recording
- Flight Test Instrumentation System
- Vehicle Development

Features

- For use in TTC's MUX-300XR (MUX-3003R or MUX-3005R) Products
- Interfaces RMM-4XXX Series Removable Solid State Data Recorder Cartridges to MUX-300XR
- Ruggedized for Airborne Applications
- Uses RMM-4XXX Ruggedized Solid State Memory Cartridges
 - Sizes from 8 GB to 128 GB*
- Uses IEEE-1394b Compatible 800 Mb/s High-Speed Signaling Port
- Functional Status Indicated by (3) LEDs
 - Power – Indicates Power Good
 - Activity – Indicates Unit being accessed
 - Error – Indicates an Error condition

* Capacity may increase in the future. Contact factory for available capacities.

Description

The XRMM-4000 Cartridge Adaptor allows TTC's RMM-4XXX series removable solid-state drive cartridges (XXX = Size in GB) to be used in TTC's MUX-300XR series Data Multiplexers. The XRMM-4000 Cartridge Adaptor provides an IEEE-1394b compatible high-speed serial port for data communications with the MUX-300XR host chassis. Data rates of 800 Mbps are supported through this interface. The XRMM-4000 Cartridge Adaptor mounts into the custom recorder slot on the MUX-300XR chassis. Recorded data can be read by removing the RMM-4XXX cartridge from the XRMM-4000 Cartridge Adaptor and installing it into either a DTU-4500 data transfer unit or an SMS-4000 Recorder. Both these units allow downloading the mission data via a high-speed USB 2.0 interface. The optional DTU-4500 provides a Desktop version of the SMS-4000. Data download can also be accomplished in-chassis via a Fibre Channel interface when an XFCH-302E card is installed in the MUX-300XR chassis.

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XRMM-4000 Datasheet

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