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Find the *Interphase V/FDDI 5211* at our website: ***Click HERE***

Interphase 5211 VME FDDI Adapter

The 5211 is a VME64, single MAC FDDI controller suitable for both link level and on-board protocol processing. Providing both single and dual attach connectivity, the 5211 features a high performance architecture which utilizes custom Interphase ASICs for optimized DMA transfers and an innovative split buffered architecture which allows for full data movement through the board without any real time involvement from the host CPU.

Features:

- Single (SAS) or Dual (DAS) Attachment from a Single VME Slot
- ANSI X3T9.5 Compliant and Interoperability Tested
- Single 6U VME Slot
- On-board SMT
- Sample Drivers and Integration Manual Available
- VME64 Transfers up to 45 Mbps
- Dual 32-bit Internal Data Paths
- Flash EPROM for Easy Firmware Upgrade
- Optical Bypass Switch Control

Configuration Options

- **5211-000** 5211 Adapter with ST-type Connectors, Multimode (62.5/125) Fiber Media, Dual Attachment Station (DAS), 1MB Video RAM, SMT 6.2
- **5211-001** 5211 Adapter with ST-type Connectors, Multimode (62.5/125) Fiber Media, Dual Attachment Station (DAS), 1MB Video RAM, SMT 7.3
- **5211-002** 5211 Adapter with ST-type Connectors, Multimode (62.5/125) Fiber Media, Dual Attachment Station (DAS), 4MB Video RAM, 512K Static RAM, SMT 6.2
- **5211-003** 5211 Adapter with ST-type Connectors, Multimode (62.5/125) Fiber Media, Dual Attachment Station (DAS), 4MB Video RAM, 512K Static RAM, SMT 7.3
- **5211-004** 5211 Adapter with FSD MIC Connectors, Multimode (62.5/125) Fiber Media, Dual Attachment Station (DAS), 1MB Video RAM, SMT 6.2
- **5211-005** 5211 Adapter with FSD MIC Connectors, Multimode (62.5/125) Fiber Media, Dual Attachment Station (DAS), 1MB Video RAM, SMT 7.3
- **5211-006** 5211 Adapter with FSD MIC Connectors, Multimode (62.5/125) Fiber Media, Dual Attachment Station (DAS), 1MB Video RAM, SMT 6.2, 9U Form Factor
- **5211-007** 5211 Adapter with RJ-45 Connector, Category 5 UTP Copper Media, Dual Attachment Station (DAS), SMT 6.2
- **5211-008** 5211 Adapter with ST-type Connector, Multimode (62.5/125) Fiber Media, Single Attachment Station (SAS), 1MB Video RAM, SMT 6.2
- **5211-009** 5211 Adapter with FSD MIC Connector, Multimode (62.5/125) Fiber Media, Single Attachment Station (SAS), 1MB Video RAM, SMT 6.2

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5211 VME FDDI Adapter

Architecture

Data Communications Buffer:	2MB DRAM; 128K SRAM
Firmware Storage:	256K FLASH nonvolatile memory, 384K, 512K option
Network Interface:	Motorola FDDI chipset
Processor:	Motorola 68EC040

Connectors

Copper Connectors:	RJ-45
Fiber Connectors:	FDDI MIC (FSD) Dual SC, ST

Driver Support

HP-UX:	Version 9.x, 10.x

FDDI Specifications

Compliance:	ANSI X3T9.5 (X3T12)
Configurations:	Single MAC, Single Attach Stations (SAS), Dual Attach Stations (DAS)
Dual-attached fiber connectors:	SC Duplex, ST (patch cables available)
Optical Bypass:	I/O Port with up to 300 MA current sink for control of optical by pass
Single-attached fiber connectors:	FSD MIC, SC Duplex, ST
SMT:	Rev 6.2 and 7.3

Mechanical

Length:	233 mm
Thickness:	20 mm
Weight:	550 grams
Width:	160 mm

Operating Environment

Air Flow:	250 LFM minimum
Altitude:	-1,000 to 15,000 feet
Relative Humidity:	5% to 95% noncondensing
Temperature:	0 to 55° Centigrade

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Power Consumption

V/FDDI 5211 Peregrine-II: 5.0A @ 5V DC

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- **5211-002** 5211 Adapter with ST-type Connectors, Multimode (62.5/125) Fiber Media, Dual Attachment Station (DAS), 4MB Video RAM, 512K Static RAM, SMT 6.2
- **5211-003** 5211 Adapter with ST-type Connectors, Multimode (62.5/125) Fiber Media, Dual Attachment Station (DAS), 4MB Video RAM, 512K Static RAM, SMT 7.3
- **5211-004** 5211 Adapter with FSD MIC Connectors, Multimode (62.5/125) Fiber Media, Dual Attachment Station (DAS), 1MB Video RAM, SMT 6.2
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- **5211-007** 5211 Adapter with RJ-45 Connector, Category 5 UTP Copper Media, Dual Attachment Station (DAS), SMT 6.2
- **5211-008** 5211 Adapter with ST-type Connector, Multimode (62.5/125) Fiber Media, Single Attachment Station (SAS), 1MB Video RAM, SMT 6.2
- **5211-009** 5211 Adapter with FSD MIC Connector, Multimode (62.5/125) Fiber Media, Single Attachment Station (SAS), 1MB Video RAM, SMT 6.2
- **5211-010** 5211 Adapter with RJ-45 Connector, Category 5UTP Copper Media, Single Attachment Station (SAS), SMT 6.2

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