

FDDI/9000 HSC Adapter Release Notes for HP-UX

HP 9000 Networking



**Manufacturing Part Number: J3701-90007
E1200**

United States

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This product was tested for conformance to various national and international regulations and standards. The scope of this regulatory testing includes electrical and mechanical safety, electromagnetic emissions, immunity, acoustics, and hazardous materials.

When required, approvals are obtained from third party test agencies. Approval marks appear on the product label. In addition, various regulatory bodies require some information under the headings noted below.

Safety Symbols

WARNING A **WARNING** denotes a hazard that can cause personal injury.

CAUTION A **CAUTION** denotes a hazard that can damage equipment.

FCC Statement (USA only)

The United States Federal Communications Commission (FCC) has specified that the following notice be brought to the attention of users of this product:

FCC rules part 15, subpart A, class A devices.

Information to User (section 15.105)

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits of a Class A digital

device, pursuant to part 15 of FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Any changes or modifications not expressly approved by Hewlett-Packard could void the user's authority to operate this equipment.

Use of shielded interface cables is required to comply within the Class A limits in part 15 of the FCC rules.

DOC Statement (Canada only)

This Class A digital apparatus meets all the requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Europe RFI Statement

This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Australia and New Zealand EMI Statement

This product meets the applicable requirements of the Australia and New Zealand EMC Framework.



Radio Frequency Interference (Japan Only)

VCCI, Class A (Model A4891-62001 only)

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Cable Information

Below are cable specifications for the PCI FDDI Dual Attach adapter. Product safety and/or regulatory conformance may depend upon observance of the following information.

A and B Port Connections

The A and B ports on the adapter require one (SAS) or two (DAS) standard 62.5/125 multimode fibre optic cable(s) with an SC-Duplex connector. These cables are not provided

and must be furnished by the customer. For existing installations that use cables with MIC (Media Interface Connector) connectors, SC to MIC cable adapter cables must be ordered by specifying "Option 001".

WARNING **Never look directly into an optical fiber port. While not used or supported by this adapter, some fiber optic equipment can emit laser light that can injure your eyes. Always assume the cable is connected to a light source.**

Optical Bypass Relay Connection

The Optical Bypass Relay (OBR) connector allows the OBR device to maintain integrity of the dual FDDI rings if the adapter fails or if system power is removed. The OBR connector is an RJ-12 modular jack connector. The pin assignments (counting from right to left, with pin 1 in the rightmost position) are described in the list below.

WARNING **Do not insert telecommunications cabling into the optical bypass relay connector.**

OBR RJ-12 Connector Pin Assignments

- Pin 1, 2: Relay drive +5.0 V dc
- Pin 3, 4: Bypass enable
- Pin 5: Bypass present
- Pin 6: Return grounded internally

Operating Environment

The list below shows the recommended operating environment for the HSC-FDDI Dual Attach Adapter.

Operating Environment

- Operating Temperature Range: 5 to 30 degrees C
- Non-operating Temperature Range: -40 to 70 degrees C
- Recommended Operating Temperature Range: 20 to 30 degrees C

Temperature Shock Immunity (Max rate of change): 20 degrees C
Non-operating Humidity Range: 15 to 90% RH
Operating Humidity Range @ 22 degrees C: 15 to 80% RH
Recommended Operating Humidity Range @ 22 degrees C: 15 to 80% RH
Recovery Procedure from Condensation: None

What's New in This Version

The following information is for FDDI/9000 HSC LAN adapters on HP-UX version 11i.

Enhancements in this release

- Replacement of the A version card with the B version
- Cable Disconnect

The following describes the FDDI/9000 HPPB products for the A-Class, N-Class, L-Class, V-Class and Superdome servers and B-Class, C-Class and J-Class workstations.

Upgrade Information: Obsolescence of the A card

The FDDI version A card, HP Part Number A3739A, has been obsoleted and replaced with version B, HP Part Number A3739B. In this upgrade, the version A card is fully supported by the 11i operating system.

Behavior of Networking Links on Cable Disconnect

For the 11i operating system enhancements have been made for consistency with the definitions of:

- *lanscan* output
- *lanadmin* statistics output

What's New in This Version

Fixes

Fixes

None

Known Problems and Workarounds

None.

Patches and Fixes for this Version

None
