

IBM INSTALLATION INSTRUCTIONS

**IBM Corporation
Installation Instruction
PN 59G0837 EC D55770**

**On
8250 FDDI MANAGEMENT MODULE
FEATURE CODE (FC 3827, FC 6717)**

**8250 FDDI MEDIA MODULES
FEATURE CODE (FC 3825, FC 3826, FC 7388)**

**Microcode Level V2.00 for Management Module
Microcode Level V3.00 for Media Modules**

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Before Installation

Purpose

The purpose of this change is to provide microcode for installing FDDI Management Module microcode level 2.00 and FDDI Media Modules microcode level 3.00.

Machines Affected

This EC applies to IBM 8250 with feature code FC 3827, 6717 FDDI Management Modules and FC 3825, 3826, 3827 FDDI Media Modules with any previous microcode level installed.

Requirements

1. For local Out-of-BAND download (loading via the RS232 port of the TRMM)

You must have :

- An IBM PC/AT or compatible with a 3.5 inch diskette drive.
- An 80 column video monitor (monochrome or color).
- 640K of available RAM on the PC .
- An Null modem connection from the PC to the target EMM for local download.

Note: Cable P/N 6323741, Adapter 58G4422, and Interposer 58G2861 that were received with your 8250 can be used to create the NULL MODEM connection.

- An IBM HDP diskette, P/N 59G0835 for FDDI Management Modules.
- An IBM HDP diskette, P/N 59G0973 for FDDI Media Modules.

2. For Remote Out-of-Band downloading you must have:

- A PC the same as for the LOCAL load.
- Two asynchronous Modems and RS232 cables.

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Note: It is recommended that you use a V32 modem to load at a speed of 9600 the FDDI management device parameters are normally set to:

```
SPEED                = 9600
Character format     = 8 data bits
Parity               = None
Stop bits            = 1
```

You must coordinate the FDDI device and modem parameters to be compatible.

B/M to be installed

B/M 59G0966 is used for both the FDDI Management Modules FC 3827, 6717 and the FDDI Media Modules FC 3825, 3826, 3827.

Preparation

1. Familiarize yourself with the installation instructions before starting installation.
2. Check all the items and count the parts listed on the B/M to be installed to determine that all the parts were received.
3. Diskette security:
 - Your diskettes need to be in write enable for HDP download.
 - Diskettes P/N 59G0835 (code level 2.00) and P/N 59G0973 (code level 3.00) can be copied to provide backup.
4. You must read the readme.doc of these 2 diskettes.

Installation time

Out of band downloading takes about 25 minutes and is not disruptive to users on the HUB.

Installation

Safety

This update will be performed with the machine powered ON.

- Review the **Safety Notices** delivered with the 8250 shipping group

Details of Installation

References

AIX NetView Hub Management Program/6000, User's Guide.

FDDI Management Installation and Operation Guide.

Command Guide.

Steps to Perform This Update

Two steps:

You must update first the FDDI Management Modules with the diskette provided P/N 59G0835.

And update in second the FDDI Media Modules with the other diskette P/N 59G0973.

Out of Band download

- Hub Download Program (HDP) general description

- The HDP process makes microcode upgrades easy.
- Loading the module microcode is by using the HDP diskette in your PC/PS2 workstation. Connection to the RS-232 port on the target 8250 module can be local or through modems. Only three set up screens are required to start a local load. A status screen is displayed during loading.

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HDP/ MICROCODE Installation

A README.DOC file is present on the diskette and can be printed if more detailed instructions are desired, however the following steps should work in most cases.

First Step:

- Update the FDDI Management Module:
 1. BOOT the PC with HDP diskette P/N 59G0835.
 2. After the HDP logo appears, press <ESC>
 3. Press <ENTER>
 4. Key in the administrator password (if some)
 5. If you are attached to the FMM locally, press <ENTER> to start the load. The Flash code will load. No intervention is required and the blade FMM will reset.
 6. If you are doing a remote load through modems and want to change communications parameters, key'y' and press <ENTER> and you will be able to customize the communication parameters.

Second Step:

- Update the FDDI Media Module:
 1. BOOT the PC with HDP diskette P/N 59G0973.
 2. After the HDP logo appears, press <ESC>
 3. Press <ENTER>
 4. Key in:
 - administrator logon = 'system' (in lower case)
 - administrator password = your Password or BLANK
 5. If you are attached to the FMM locally, press <ENTER> to start the load. The Flash code will be load first to the FMM and will be send after to all the Medias Modules installed in the Hub. No intervention is

required. The Media Modules and the Blade Management Module will reset.

Labelling

After installation the microcode change the part number of the FDDI Management Module and all the Media management Modules by writing the new P/N on the blank labels and applying then on the blade.

For FDDI Management Module:

FC 3827 write P/N 59G0800

FC 6717 write P/N 59G0956

For FDDI Media Modules:

FC 3825 write P/N 59G0954

FC 3826 write P/N 59G0955

FC 7388 write P/N 59G0953

After installation

Publication update

1. Add the provided Release notes PN 59G0850 and PN 59G0971 in your publication binder.

Parts disposition

not applicable

Machine Records

- Update the **MACHINE HISTORY, ETC.**, to reflect:
EC D55770 as installed to the existing procedures.
- Report the installation and quality according to the existing procedures.

Automatic Update Service process:

For your information read the Notice for Usage of update kit PN 58G7356.