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# IntraSwitch™ 5324

## 10Base-FL MII Expansion Module

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# READ ME FIRST

Thank you for purchasing an IntraSwitch 10Base-FL MII Expansion Module. This document contains important information regarding the 10Base-FL MII Expansion Module. Please review both sides of the document before proceeding with the installation.

### Installing the 10Base-FL MII Expansion Module

To install and use the 10Base-FL MII Expansion Module, you must complete the following steps:

- Make sure the IntraSwitch is running at least software **version 1.1**.
- Set the jumper on the 10Base-FL MII Expansion Module's board to run at half or full duplex mode (default is half duplex).
- Power off the IntraSwitch 5324 and install the 10Base-FL MII Expansion Module.
- Power on the IntraSwitch 5324 and verify the 10Base-FL MII Expansion Module's configuration via the IntraSwitch's Console management interface.

### Verifying Software Version

The IntraSwitch 5324 must be running at least software **version 1.1**. If the IntraSwitch is not running at least version 1.1, upgrade the software (using the enclosed disk) following the instructions in Chapter 5 of the IntraSwitch 5324 User's Manual.

To view the IntraSwitch 5324's current software version number:

- 1** Connect a stand-alone terminal or a PC running a terminal emulator directly to the IntraSwitch 5324's Console port using a **straight-through RS-232** serial cable with a male connector.
- 2** Make sure both units are powered on.
- 3** Once connected, the Local Management Interface Main Menu appears.
- 4** Type **g** to open the General Information screen.
- 5** Verify that the software version number is at least 1.1 (this number is displayed at the top of the screen).

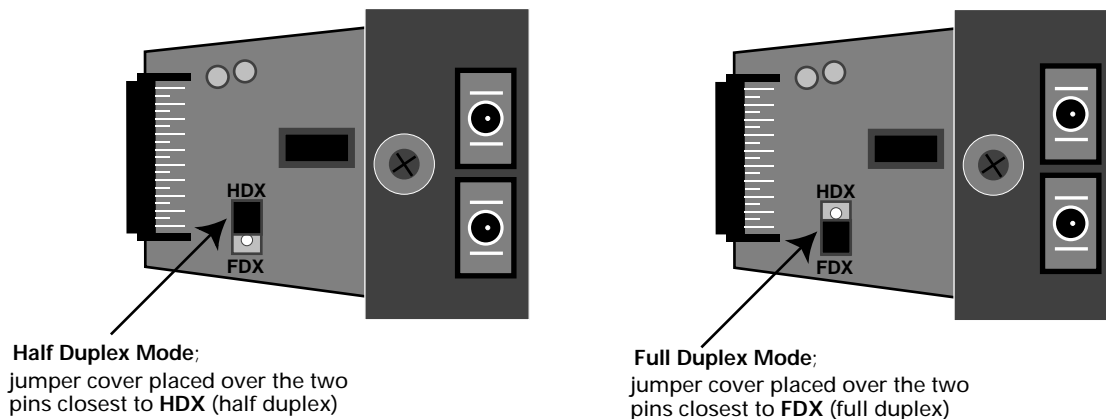
## Setting the Jumper for Half or Full Duplex Mode

- ▲ **Important:** The 10Base-FL MII Expansion Module must be manually configured to run in half or full duplex mode by setting the duplex jumper on the module's board. The duplex mode **cannot** be changed via the IntraSwitch's management software.

The 10Base-FL MII Expansion Module is shipped with its jumper set for **half duplex** operation.

To configure the jumper for half or full duplex mode:

- 1** Place the 10Base-FL MII Expansion Module on a flat surface.
- 2** Locate the small black jumper cover included with the 10Base-FL MII Expansion Module.
- 3** Place the jumper cover on the appropriate duplex jumper pins to determine half or full duplex operation, following the illustrations below:

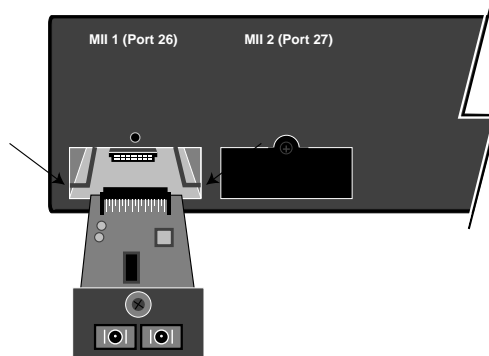


The 10Base-FL MII Expansion Module is ready to be installed in the IntraSwitch 5324. See the next section, "Installing the 10Base-FL MII Expansion Module."

## Installing the 10Base-FL MII Expansion Module

▲ **Important:** The 10Base-FL MII Expansion Module is **NOT** hot-swappable; you must **power off** the IntraSwitch 5324 before installing the module.

- 1** Make sure the IntraSwitch 5324 is powered off.
- 2** Unscrew the metal cover from the front of an MII expansion slot (located on the IntraSwitch's back panel) using a small Phillips screwdriver.
- 3** Align the bottom of the MII expansion module with the rails on the inside of the expansion slot..



- 4** Slide the MII module into the expansion slot until it stops, then push the module in until it seats with the connector.
- 5** Secure the module into place by tightening the thumbscrew on the module's cover.
- 6** Power on the IntraSwitch 5324.

The 10Base-FL MII Expansion Module is installed in the IntraSwitch 5324. Next, verify the module's configuration following the instructions in the next section, "Verifying the Configuration."

## Verifying the Configuration

To verify the 10Base-FL MII Expansion Module's configuration:

- 1** Connect a stand-alone terminal or a PC running a terminal emulator directly to the IntraSwitch 5324's Console port using a **straight-through** RS-232 serial cable with a male connector.
- 2** Make sure both units are powered on.
- 3** Once connected, the Local Management Interface Main Menu appears.
- 4** Type **c** to open the Configuration Menu.
- 5** Enter your password at the "Enter Password" prompt, then press return.  
The default password is **Asante**. The password is case-sensitive.
- 6** Open the **Config Port Parameters** Menu by typing **p** in the Configuration Menu.
- 7** Type **l** to select the option **Select the Port**.
- 8** Enter the 10Base-FL MII Expansion Module's port number at the prompt.  
This will be port number 26 or 27, depending on which MII slot contains the 10Base-FL MII Expansion Module.
- 9** Verify the 10Base-FL MII Expansion Module is operating in the duplex mode for which it was manually configured. (This is displayed next to **Link Mode**.)

## Connecting to the Network

To connect the 10Base-FL MII Expansion Module to the network, follow the cable guidelines below:

### 10Base-FL (SC Connector) Cabling Procedures

To connect to a repeater/hub, network station, or other device:

- Use a dual 62.5/125 micron graded-index multimode fiber-optic cable fitted with an **SC** connector.

### 10Base-FL (ST Connector) Cabling Procedures

To connect to a repeater/hub, network station, or other device:

- Use a dual 62.5/125 micron graded-index multimode fiber-optic cable fitted with a dual **ST** connector.
- Make sure the cable's **TX** (transmit) and **RX** (receive) connectors are properly connected to the 10Base-FL MII Expansion Module and to the network device's **TX** and **RX** ports.