



## 100 FX MII Module –Release Notes

06/15/99

Thank you for purchasing the 100 FX MII module. This module (**part number 99-00527-01**) is the latest FX MII module to be offered for Asante products with optional MII expansion slots. This version operates with the following products only: FriendlyNET Switch 7000 series and NetStacker II series.

This FX module supports both Full-Duplex and Half-Duplex operation (depending on device type and slot location). The latter feature has been added for use in the rear (non-switched) slot on the NetStacker II units.

When used with the FS 7000 series or the NetStacker II (with the NetStacker II NMM installed) the FX module will support distances of up to 2 Km between devices. When used in the rear slot of the NetStacker the module is half-duplex only and will be limited to 208 meters between devices.

### Note:

Both sides of the FX connection must be configured to the same duplex setting in order to have a proper connection. i.e. both sides of the connection must be either half duplex or full duplex. Improper configuration will result in a high level of collisions on the FX connection.

The default FX configuration when using most switches (including all Asante Switches) or the front slot of the NetStacker II is full-duplex. The rear slot of the NetStacker II is half-duplex by default because a hub must operate in half-duplex to maintain collision detection on a shared network.

[D] = Default

[C] = user must configure\*

Examples:	Unit A	Unit B
1. Switch to Switch =	Full-Duplex [D]	Full-Duplex [D]
2. NetStacker II hub (rear slot) to Switch =	Half-Duplex [D]	Half-Duplex [C]
3. NS II hub (front slot) to Switch =	Full-Duplex [D]	Full-Duplex [D]
4. NS II (front slot) to NS II (front slot) =	Full-Duplex [D]	Full-Duplex [D]
5. NS II (rear slot) to NS II (rear slot) =	Half-Duplex [D]	Half-Duplex [D]
6. NS II (front slot) to NS II (rear slot) =	Half-Duplex [C]	Half-Duplex [D]

\* please refer to your system users guide for port setting user configuration instructions.

### Installation:

The MII FX simply slides into the MII slot. Locate the rails and slide the module in until it meets the connector. Press the module in, gently but firmly until it seats in the connector and the front bracket is flush. Tighten thumbscrew. The MII FX is hot swappable.