Sun Enterprise Systems Interface Kit Contents:

■ Sun Enterprise Systems Interface board
■ Sun Enterprise Systems Interface cable
■ Loopback connector
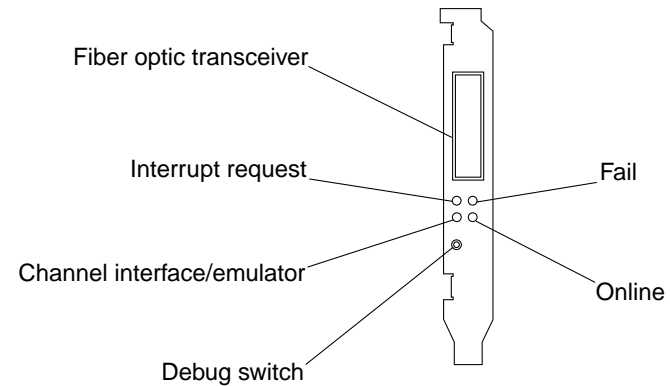
Note – The loopback connector is used for the cable wrap (loopback) test when it is installed in the fiber optic transceiver.

Installation Procedures

This doclette contains the instructions to install the Sun Enterprise Systems Interface (Sun ESI) board on the system board. Refer to your system installation or service manual or PCI installation instructions for detailed PCI adapter installation instructions.

1. **Power off the system.**

2. **Attach a wrist strap and remove the system board.**

3. **Determine the slot for the installation of the Sun ESI board.**

4. **If a filler panel covers the slot opening, remove the retention screw on the mating flange to remove the filler panel.**
 Retain the screw to attach the Sun ESI board.

5. **With a wrist strap still attached, take the Sun ESI board out of the protective packaging. Inspect the connector to make sure it is not damaged.**

6. **Guide the Sun ESI board into the mating connector.**

7. **Confirm alignment of the Sun ESI board, then firmly push the board into the connector until fully seated.**

8. **Install the retention screw into the top flange and tighten.**

9. **Install the system board.**

10. **Remove the protective dustcap and connect the Sun ESI board cable to the fiber optic transceiver on the Sun ESI board.**

Sun Enterprise Systems Interface Board Indicators, Switches, and Connectors

The Sun ESI board indicators, switches, and connectors perform the following functions:

■ Fiber Optic Transceiver—Attach the fiber optic cable to this connector

■ Interrupt Request LED—Lights amber when the Sun ESI board generates an interrupt to the PCI host

■ Channel Interface/Emulator LED—Lights green when the channel interface/emulator is actively communicating on the channel

■ Debug switch—Pressing this switch causes internal code to enter a debug mode. The Sun ESI board will no longer operate normally in this mode and the software must be downloaded again to return to normal operation.

■ Fail LED—Lights amber when powered on and goes off within five seconds if the power-on self test passes. Will light during normal operation if the Sun ESI board receive signal is not present or is invalid.

■ Online LED—Lights green when the channel interface/emulator is logically connected to the channel/control unit

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Sun Enterprise™ Systems Interface Board Installation Guide

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