

# Troubleshooting

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Separate procedures are provided for troubleshooting Fast Ethernet and FDDI modules.

## 100BaseT Modules

When first powered on, the expansion slot LED of the EtherSwitch 1420 and all LEDs on the module front panel are green. A power-on self-test (POST) is automatically started. If the module passes the POST, the expansion slot LED on the EtherSwitch 1420 remains green. If the module fails the POST, the expansion slot LED turns amber.

If the LEDs do not come on at all, use Table 4-1 to determine the appropriate action to take.

**Table 4-1 Troubleshooting Fast Ethernet Modules**

Symptom	Possible Cause	Corrective Action
Link LED is off.	No cable connected.	Connect both ends of a cable to a device.
	Device has no power.	Ensure that both devices have power.
	Module not enabled.	Check management console to ensure that the module is enabled.
	Wrong cable type.	Verify the cable selection (crossover versus non-crossover).
	Bad cable.	Replace with known good cable.
Expansion slot LED is off.	Module not installed properly.	Remove module and reinstall.

## FDDI Modules

When first powered up, the expansion slot LED of the EtherSwitch 1420 and all LEDs on the module front panel are green. A power-on self-test (POST) is automatically started. If the module passes the POST, the expansion slot LED on the EtherSwitch 1420 remains green. If the module fails the POST, the expansion slot LED turns amber. The “POST for FDDI” section in the “Installation” chapter describes how to use the module LEDs to interpret the nature of POST failures for FDDI modules.

If the LEDs do not come on at all, use Table 4-2 to determine the appropriate action to take.

**Table 4-2 Troubleshooting FDDI Modules**

<b>Symptom</b>	<b>Possible Cause</b>	<b>Corrective Action</b>
Connected LED is off.	No cable inserted.	Insert both ends of the cable into a device.
	Module not enabled.	Check management console to ensure that the port status is enabled.
	Wrong cable type.	If UTP, verify that the cable selection is a CDDI cable.
	Bad cable.	Replace cable with a known good cable.
Expansion slot LED is off.	Module not installed properly.	Remove module and reinstall.
	Device not powered on.	Ensure that EtherSwitch 1420 has power.