CHAPTER 4

Troubleshooting the Adapter

This chapter provides instructions for identifying and resolving problems that may occur during workgroup EISA adapter hardware and software installation.

No FDDI Messages during the Boot Process

The EISA adapter may not be connected properly to the EISA connector. Make sure that the adapter is firmly seated in its connector slot.

Status LED Blinks or Is Not On

The EISA adapter has failed a critical diagnostic self-test. Call the Cisco Technical Assistance Center.

Ringop LED Is Not On

In a single attachment configuration, the ringop LED monitors ring operation. If this LED is on, the adapter is connected to the CDDI/FDDI ring. If this LED is not on, check that the adapter is connected to the concentrator and to the RJ-45 or FDDI wall outlet. If both connections are good, then check to see if there is a cable fault and if the concentrator is operational. Confirm that MLT-3 and MLT-2 cabling schemes are not mixed. See the appendix "Cabling and Pinout Information."

Caution MLT-3 cabling schemes may interoperate with other vendors' MLT-3 equipment, but MLT-3 and Cisco MLT-2 equipment are not interoperable.

In a dual attachment configuration, the ringop LEDs on the dual attachment EISA adapter work together to provide a visual indication of the state of your network. The ringop LED information in Table 4-1 will help you determine if your network is functioning properly.

Table 4-1 Ringop LED Indicators

	Ringop B Off	Ringop B Green	Ringop B Orange
Ringop A Off	Ring is not operational.	Station is in Wrap_B. Ring is an operational SAS[1]. Ring A is not a connected DAS[2].	Ring is not operational. The station connected to PHY B is attempting to connect, but has failed.
Ringop A Green	Station is in Wrap_A. Ring B is not connected.	Station is in Thru mode. Ring is operational.	Station is in Wrap_A. The station connected to PHY B is attempting to connect, but has failed.
Ringop A Orange	Ring is not operational. The station connected to PHY A is attempting to connect, but has failed.	Station is in Wrap_B. The station connected to PHY A is attempting to connect, but has failed. *This is normal if the station is dual homed.*	Ring is not operational. The stations connected to PHY A and PHY B are attempting to connect, but have failed.

1. SAS = single attachment station.
2. DAS = dual attachment station.