

Technical Specifications

Physical Characteristics

LED Indicators

The Cisco ATM PCI Adapter contains two LED indicators on the faceplate to monitor link and error status. The green LED monitors link layer activity. The yellow LED monitors physical layer activity. Definitions of the LED status are presented in Table A-1.

Table A-1 **LED Status**

Color	Status	Indication
Green	ON	Valid SONET frame received and locked.
Green	OFF	Error in SONET framing.
Yellow	ON	Physical layer errors such as loss of signal, frame, and cell alignment are detected by the SONET. Error is detected. May indicate a link status error (e.g., device not connected; signal not received).
Yellow	OFF	Signal detected.

Note Refer to Chapter 2, section “Using the Status Indicators,” for guidance on LED indicator status.

Physical Characteristics

Operating Temperature

- Operation: 0 to 50 C
- Storage: -20 to 60 C
- Relative humidity: 10% to 90% (non-condensing)

Dimensions

- Half size PCI adapter
- Size: 4.25" x 7" x 0.75"

Weight

- 4 oz.

Electromagnetic Emissions Certifications

- Fiber (WA-C431): FCC Class B, EN5022, CISPIR22
- Copper (WA-C432): FCC Part 15, Subpart J, Class A

Available Interface Drivers

- Windows NT 3.51 and above

Part Numbers

The Cisco ATM PCI Adapter is available with either a copper or fiber media interface. The part numbers for these boards are listed in the following table (Table A-2):

Table A-2 Cisco ATM PCI Adapter Part Numbers

Part #	Media	Specifications
WA-C431	Fiber (155 Mbits/s)	Supports SONET STS-3c synchronous Payload Frame format
		Transmit wavelength of 1260 to 1360 (2km distance using multi-mode fiber)
		SC duplex connector: 0.5" spacing
WA-C432	Copper (155 Mbits/s)	Supports SONET STS-3c synchronous Payload Frame format
		CAT 5 UTP
		Standard RJ-45 connector

Transmit Characteristics

Fiber

- Fiber coupled power: -19 dbm (onto a 62.5/125/0.275 Cable)
- Transmit wavelength: 1260 to 1360nm
- 2 km distance using multi-mode fiber

Copper

- EIA/TIA CAT 5 UTP Cable 100m
- Adaptive equalizer to reduce line errors

Receive Characteristics

- Maximum input power: -14 dbm
- Minimum input power: -30 dbm
- BER = 1.0E-10

Connector Specification

- SC duplex connector, 0.5" spacing for fiber
- RJ-45 connector for copper
- Standard PCI bus connector