

ATM Cable Specifications

Cisco ATM devices support the cable types listed in Table on page 1 and the cable connectors listed in Table on page 1. The ATM cables listed in Table on page 1 are industry standard unless otherwise specified.

Figure 8-45: ATM Connector Types

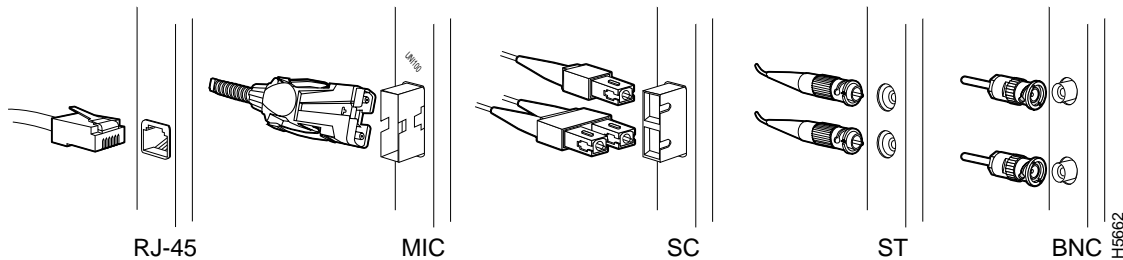


Table 8-11: ATM Cable Types

Media Type	ATM Forum Specification	Cisco 7500 Series	Cisco 4500-M and 4700-M	LightStream 1010	Catalyst 5000 Family	ATM SBus Adapter
SONET MM	62.5/125 m	62.5/125 m	62.5/125 m	62.5/125 m	62.5/125 m	62.5/125 m
SONET SM	8.5/125 m	8.5/125 m	8.5/125 m	8.5/125 m	–	–
SONET TP	150-ohm STP	–	–	100-ohm UTP	100-ohm UTP	SJ-45
TAXI	62.5/125 m	62.5/125 m	–	62.5/125 m	–	–
DS3/E3	75-ohm coaxial	75-ohm coaxial	75-ohm coaxial	75-ohm coaxial	–	–

Table on page 1 lists the following connector types:

- ST — round, bayonet, or twistlock coupling connector.
- SC — push/pull coupling connector similar to ST connector except for a more square form.
- FSD (also called MIC) — fixed shroud duplex system is specified for FDDI interface. Because TAXI is 100 Mbps derived from the physical media FDDI, it was kept the same for ATM TAXI mode.
- BNC — standard connector used to connect IEEE 802.3 10Base2 coaxial cable to a transceiver.
- RJ-45 — standard 8-wire connector for IEEE 802.3 StarLAN networks. Used also as a telephone line in some cases.

Table 8-12: ATM Cable Connectors

Media Type	ATM Forum Specification	Cisco 7500 Series	Cisco 4500-M and 4700-M	LightStream 1010	Catalyst 5000 Family	ATM SBus Adapter
SONET MM	FC or SC	SC	SC	SC	SC	SC
SONET SM	FC or SC4	ST	SC	SC	–	–
SONET TP	DB9	–	–	RJ-45	RJ-45	RJ-45
TAXI	FSD	FSD	–	FSD	–	–
DS3/E3	RG59-BNC	RG59-BNC	RG59-BNC	RG59-BNC	–	–

