



Cabling Summary

Introduction

This appendix contains details on the VISM 2.0 cabling. The only cables used on the VISM card are for connecting the eight ports on the back card to the voice T1 or E1 lines. The T1 lines use RJ-48 connectors. The E1 lines use either RJ-48 or SMB connectors.



Note

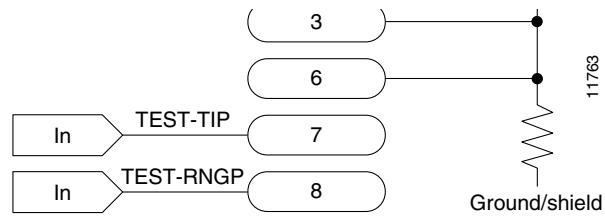
In all cable references, the transmit direction is away from the VISM card, and the receive direction is towards the VISM card.

Cabling for RJ-48 Connectors on T1 and E1 Ports

For T1 and E1 ports that connect through a RJ-48 connector, each connector has:

- Transmit TIP pin
- Transmit RING pin
- Receive TIP pin
- Receive RING pin
- Two pins for shielded ground

An illustration of the connector wiring appears in Figure A-1.

Figure A-1 RJ-48 Connectors.

Cabling for SMB Connectors on E1 Ports

SMB Connector

When using the E1 VISM back card with SMB cables, the E1 trunk cables connect the customer DSX-1 cross-connect point or E1 Channel Service Unit (CSU) to the node using 75 ohm coaxial cable fitted with SMB connectors.