



## SPECIFICATIONS

<b>Line Rate</b>	1.544 Mbps, $\pm 75$ bps
<b>Capacity</b>	T1:1 to 24 DS0s PRI:23 B+D
<b>Line Codes</b>	AMI (alternate mark inversion) or B8ZS (bipolar return to zero)
<b>Framing</b>	D4 or ESF
<b>Tests</b>	Self-test, line loopback, payload loopback
<b>Connectors</b>	RJ-48C (8-position, modular jack)
<b>Terminating Impedance</b>	100 ohms $\pm 5$ percent

## INSTALLATION INSTRUCTIONS

1. Remove the cover plate from the appropriate network slot.
2. Slide the T1/PRI network interface module (NIM) into the ATLAS 500 chassis until the module is firmly seated against the chassis.
3. Fasten the thumbscrews at both edges of the NIM. Tighten with a screwdriver.
4. Connect the cables to the associated device.
5. Complete installation of remaining modules and base unit as specified in the Installation chapter of the ATLAS 500 System Manual.

## T1 NETWORK (RJ-48C) CONNECTION PINOUTS

Pin	Name	Description
1	R1 RXDATA - ring	Receive data from the network
2	T1 RXDATA - tip	Receive data from the network
3	—	Unused
4	R TXDATA - ring	Send data towards the network
5	T TXDATA - tip	Send data towards the network
6, 7, 8	—	Unused

## T1 NETWORK (DB-15) CONNECTION PINOUTS

Pin	Name	Description
1	T TXDATA - tip	Transmit data toward the network
2	—	Unused
3	T1 RXDATA - tip	Receive data from the network
4, 5, 6, 7	—	Unused
8	Frame Ground	Grounded to chassis
9	R TXDATA - ring	Transmit data toward the network
10	—	Unused
11	R1 RXDATA - ring	Receive data from the network
12,13,14	—	Unused
15	Frame Ground	Grounded to Chassis



*Important: For additional details on product features, specifications, installation, and safety, refer to the appropriate System Manual available on the product CD or online at [www.adtran.com](http://www.adtran.com).*

**MENU TREE**

