



T1 NETWORK (RJ-48C) CONNECTION PINOUT

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

T1 NETWORK (DB-15) CONNECTION PINOUT

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

INSTALLATION INSTRUCTIONS

1. Remove the cover plate from the appropriate Network slot.
2. Slide the T1/PRI Network Interface Module into the ATLAS 550 chassis until the module is firmly seated in the ATLAS 550 unit.
3. Fasten the thumbscrews at both edges of the network module. 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 550 System Manual.

SPECIFICATIONS

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

MENU TREE

