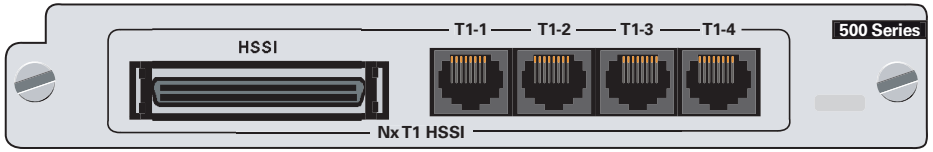
NxT1 HSSI MODULE

P/N 1200346L1



INSTALLATION INSTRUCTIONS

1. Remove the cover plate from the appropriate option slot in the ATLAS 550 Base Unit.
2. Slide the Nx T1 HSSI Module into the option slot until the module is firmly positioned against the front of the chassis.
3. Secure the thumbscrews at both edges of the module. Tighten with a screwdriver.
4. Connect the cables to the associated device(s).
5. Complete installation of remaining modules and Base Unit as specified in the Installation chapter of the ATLAS 550 System Manual.

SPECIFICATIONS

HSSI Rate:	Up to 11.04 Mbps
T1 Links:	1 to 8 Total T1 Links (up to 4 from module T1 interfaces and up to 4 from other T1 modules)
T1 Line Rate:	1.544 Mbps ± 75 bps
T1 Line Framing:	D4 or ESF per ANSI t1.403 and AT&T TR 54016
T1 Testing:	Line or payload loopback (Local and Remote)
Environmental:	Operating Temperature: 0ºC to 50ºC
	Storage Temperature: -40ºC to 70ºC
	Relative Humidity: 95% non-condensing
Connectors:	T1 Interfaces: RJ-48C
	HSSI Interface: 50 pin SCSI-II Female

HSSI (SCSI-50) CONNECTION PINOUT

Pin# (+ side)	Pin# (- side)	Description
1	26	SG - Signal Ground
2	27	RT - Receive Timing
3	28	CA - DCE Available
4	29	RD - Receive Data
5	30	LC - Loopback Circuit C
6	31	ST - Send Timing
7	32	SG - Signal Ground
8	33	TA - DTE Available
9	34	TT - Terminal Timing
10	35	LA - Loopback Circuit A
11	36	SD - Send Data
12	37	LB - Loopback Circuit B
13	38	SG - Signal Ground
14-18	39-43	Ancillary to DCE (Reserved)
19	44	SG - Signal Ground
20-23	45-48	Ancillary to DTE (Reserved)
24	49	TM - Test Mode
25	50	SG - Signal Ground

T1 NETWORK CONNECTION PINOUT

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

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MENU TREE