ADTRAN

TSU LT

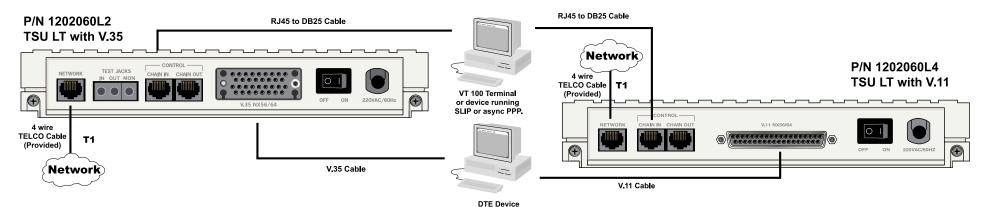### P/N 1202060L2/1202060L4

INSTALLATION INFORMATION

- An eight-position modular jack (labeled **NETWORK**) is provided to connect to the network T1 circuit. The pinout is provided on this Quick Start Guide. See *Chapter 2, Installation,* of the TSU LT User Manual for more information.

- The rear panel contains a single V.35 (V.11 for P/N 1202060L4) interface for connecting to DTE equipment. The pinouts for these interfaces are provided on this Quick Start Guide.

- When shipped from the factory, the TSU LT is uninitialized and set to factory default conditions. At the first application of power, the unit will automatically execute self-tests followed by an initialization sequence.

- The TSU LT can be configured and controlled using the local front panel of the unit, by a direct or remote serial connection via the control port, or by ADTRAN's PC-based management software package, T-WATCH PRO. A limited menu tree is provided on the back of this sheet. For more detailed menu information, refer to the TSU LT User Manual.

- Additional information can be found on the product CD which contains the TSU LT User Manual, FAQs, Data Sheets, Applications, and White Papers.

REAR PANEL DESCRIPTIONS

Network Connector	Connection to T1 circuit
Test Interface (P/N 1202060L2 only)	Bantam jacks provided for monitoring and testing of a T1 circuit
Control Chain-In/Chain-Out	Connection to a VT100 terminal
V.35 Connector (P/N 1202060L2) V.11 Connector (P/N 1202060L4)	High-speed DTE interface
Power Switch	Turns power to the TSU on or off
220 VAC Connection	Power cord connection for a reliably grounded 220 VAC, 60 Hz power source

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	Transmit data towards the Network - Ring
5	T TXDATA	Transmit data towards the Network - Tip

V.35 CONNECTOR PINOUT

Pin	CCITT	Description
A	101	Protective ground (PG)
B	102	Signal ground (SG)
C	105	Request to send (RTS) from DTE
D	106	Clear to send (CTS) to DTE
E	107	Data set ready (DSR) to DTE
F	109	Received line signal detector (DCD) to DTE
H	—	Data terminal ready (DTR) from DTE
J	—	Ring indicator (RI)
L	—	Local loopback (LL)
N	—	Remote loopback (RL)
R	104	Received data (RD-A) to DTE
T	104	Received data (RD-B) to DTE
V	115	RX clock (RC-A) to DTE
X	115	RX clock (RC-B) to DTE
P	103	Transmitted data (TD-A) from DTE
S	103	Transmitted data (TD-B) from DTE
Y	114	TX clock (TC-A)
AA	114	TX clock (TC-B)
U	113	External TX clock (ETC-A) from DTE
W	113	External TX clock (ETC-B) from DTE
NN&K	—	Test mode (TM) to DTE

V.11 CONNECTOR PINOUT

Pin A	Pin B	Description
1 2*		Shield (SI) Signalling Rate Indicator
4 5	22 23	(SD) Send Data (ST) Send Timing
6 7	24 25	(RD) Receive Data (RS) Request to Send
8 9	26 27	(RT) Receive Timing (CS) Clear to Send
10 11	 29	(LL) Local loopback (DM) Data Mode
12*	30*	(TR) Terminal Ready
13	31	(RR) Receiver Ready
14 15*		(RL) Remote Loopback (IC) Incoming Call
16* 17	 35	(SR) Signaling Rate Selector (TT) Terminal Timing
18 19		(TM) Test Mode (SG) Signal Ground
20* 28*		(RC) Receive Common (IS) Terminal in Service
32* 33*		(SS) Select Standby (SQ) Signal Quality
34* 36* 37*		(NS) New Signal (SB) Standby Indicator (SC) Send Common
Note: Pins 3 and 21 are undefined.		
* Indicates pins not being used		

MENU TREE - OVERVIEW

	1) STATUS	1) NI PERF RPRTS
		2) CURR ERR/ALM
		3) ERR/ALM HIST
MAIN MENU	2) CONFIG	1) NETWORK (NI)
		2) UNIT
		3) PORT
	3) UTIL	1) TIME/DATE
		2) SOFTWARE REV
		3) REINIT UNIT
		4) ADDRESS
		5) SET PASSCODE
		6) FACT RESTORE
	4) TEST	1) NETWORK TESTS
		2) RUN SELF–TEST
		3) PORT TESTS

Compliance

CAUTION	Double pole/neutral fusing. The socket-outlet shall be installed near the equipment and shall be easily accessible.