

T200 SHDSL SINGLE PORT NTU

LED INDICATORS

PWR	☐ OFF ☒ Green	No power Adequate power
SHDSL	☒ Green ☐ Yellow	SHDSL Loop is trained SHDSL Loop is trained with marginal signal quality (SNR margin)
G.703	☐ Red ☐ Green	SHDSL Loop is not trained G.703 port not configured, or in alarm condition
ALM	☐ OFF ☐ Yellow ☐ Red	G.703 port configured and no alarms No alarm condition detected Remote alarm condition detected Alarm condition detected locally
LINK	☐ OFF ☒ Green	Module is not in loopback Local loopback is active
RESE	☐ OFF ☒ Green ☐ Blinking Yellow ☐ Red	Module is not in RESE RESE running with no errors RESE running with a RESE with bit errors RESE running with no pattern sync

LOOPBACK PUSHBUTTONS

- LDC – Initiates a customer transparent loopback at the NTU
- REM – Initiates a network transparent loopback at the LPU

BANTAM JACKS

- TX – G.703 signal received from the customer
- RX – G.703 signal transmitted to the customer

POWERING

The LPU provides -113 VDC of span power over the SHDSL loop to the NTU, or the NTU can be locally powered with a -48VDC supply.

PROVISIONING

Used to access performance monitoring data, perform loopbacks and provision units via VT100 emulation software such as Hyper Terminal – Private Edition and ProComm Plus. When using a PC with terminal software, be sure to disable any power saving programs. Provision terminal port as follows:

Data Rate – 1.2 to 19.2 kbps

Asynchronous Data Format – eight data bits, no parity (none), one stop bit

There are two types of terminal emulation modes, Manual and Real Time. Use "CTRL-T" to toggle between the two modes.

Manual Emulation Mode

Press the space bar 3 times to manually update the screen. Print screen and log file commands are available in this mode.

Real-Time Emulation Mode

The default mode. Print screen and log file commands are not available in this mode. Cursor placement and screen highlighting are enabled.

Refer to the menu tree on the reverse side to navigate the SHDSL NTU menu options.

DEFAULT PROVISIONING OPTIONS

Provisioning Option	Default Value
User Options	
Local Emulation	Enabled
SHDSL Options	
Approximate Rate	N/A
SNR Margin Allow Threshold (dB)	Disabled
Loop Attenuation Alarm Threshold (dB)	Disabled
Line Prototyping	Disabled
G.703 Options	
Idle-to-Full RX	Disabled
G.703 CRC-4 Multibiting	Disabled
G.703 Idle Pattern	FFh
Network Span Span Inversion	Disabled
Network Span Span Full Pattern	N/A
Customer Span Span Inversion	Disabled
Customer Span Span Full Pattern	N/A
Customer FSI Generation	Disabled
Customer FSI Bit Generation	N/A
Test Options	
SHDSL Factory Loopback	Disabled
SHDSL E-OTI	Normal
G.703 Local Loopback	Enabled

COMPLIANCE

This product is intended for installation in restricted access locations only and in equipment with a type "B" or "E" enclosure.

Code	Input	Output
Power Code (PC)	P	C
Telecommunication Code (TC)	T	X
Installation Code (IC)	I	A

WARRANTY

Warranty for Carrier Networks products manufactured by ADTRAN and supplied under Buyer's order for international use is five (5) years. For a complete copy of ADTRAN's International Equipment Warranty, part number 900060010-1, (0177) 457-5007, Feedback Document 593.

■ For a complete Installation and Maintenance Practice: (0171) 457-5001, Feedback Document 798. Please have your fax number ready. ■



