



INSTALLATION INSTRUCTIONS

1. Remove the cover plate from the option slot in the TSU/TDU rear panel.
2. Slide the Dual U-BR1TE Plug-in Option Card into the option slot until the module is firmly positioned against the front of the chassis.
3. Fasten the thumbscrews at both edges of the module. Tighten with a screwdriver.

NETWORK CONNECTION 2-Wire Voice Pinout

Pin	Name	Description
1, 2, 3	Unused	N/A
4	Ring	Ring lead of 2-wire interface
5	Tip	Tip lead of 2-wire interface
6,7,8	Unused	

NOTE: To mate with the Dual U-BR1TE connection, the following pins are used:

*RJ-11 Connector: Pin 3 - Ring; Pin 4 - Tip
 RJ-45 Connector: Pin 4 - Ring; Pin 5 - Tip*

SPECIFICATIONS

U-INTERFACE

Line	2-wire (tip and ring)
Rate	160 kbps full duplex
Frequency	40 kHz
Line Code	2B1Q
Max Line Loss	42 dB @ 40 kHz
Max Distance	18000 ft with 1300 ohm resistance design
ISDN Interface Connector	RJ-45

COMPATIBILITY

ISDN 2B1Q Interface	ANSI T1.601-1992
Performance	TR-NWT-000397 and TR-TSY-000829
ISDN BR over T1	TR-NWT-000397
Approvals	FCC Part 15, FCC Part 68, UL

DIAGNOSTICS AND TESTS

Loopback	B1, B2 loopbacks and 2B+D loopbacks initiated through EOC as specified by TR-NWT-000397 and ANSI T1.601-1992
Self-test	RAM test Slot selection test EPROM checksum test

MENU TREE

Menu	1) Status	1) NI Perf Reports				
		2) NI Errors				
		3) Active Alarms			Sync	
		4) View History			CRC	
		5) Port Status	1.1 UBR1TE	1) Loop Status	ACT	
	2) Config	1) Network (NI)	2) Unit		2) T1 Status	Sync
			3) Map XCHNG			CRC
			4) Map in Use A(B)		3) Loop Monitor	ACT
			5) DS0 Map A			2B+D
			6) DS0 Map B			2B
		7) Port Config	1.2 UBR1TE	1) Service	B1+D	
					B2+D	
					B1	
					B2	
					2) ZBS	Disable
	3) Util	1) Time/Date			Enable	
		2) Factory Restore		3) Mode	LULT	
		3) New Passcode			LUNT	
		4) Unit ID		4) Wake-up Tone	Off	
		5) Software Rev			On	
6) Port Util		1.1 UBR1TE	SW Revision			
4) Test	1) Network Tests		1) B1 Remote LpBk			
	2) Run Self-test		2) B2 Remote LpBk			
	3) Port Test	1.1 UBR1TE	3) Local Loopback			
	4) Cancel Tests		4) B1 2047 PATT			
			5) B2 2047 PATT			
			6) Inject Error			
			7) PATT Results			