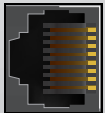


TR ISDN

CLEI: DDRPLRC1_ _

Total Reach
 ISDN
 REMOTE UNIT
 1212083L1

- NT1 I/F
- TRI I/F
- LOOPBACK
- ACT



STATUS LEDs

- NT1 I/F**
- Red Indicates a loss of signal from or loss of synchronization with the 2B1Q BRI interface toward customer's NT1
 - ✱ Flashing Once per second indicates receipt of a Near End Block Error from the 2B1Q BRI interface
- TRI I/F**
- Red Indicates a loss of signal or synchronization with the TRI-C (Total Reach ISDN CO) unit
 - ✱ Flashing Once per second indicates receipt of a Near End Block Error from the TRI-C unit
- LOOPBACK**
- Yellow 2B+D loopback
 - ✱ Flashing 1/sec = B1 loopback
 - ✱ Flashing 2/sec = B2 loopback
- ACT**
- Green Indicates the terminal equipment has exchanged ACT bits with the ISDN switch
 - ✱ Flashing Once per second indicates that the ACT bit is being sent from only the terminal equipment (CPE)

OPTIONS

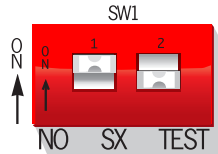
Provision DIP switch SW1 prior to card insertion.

S1-1 SX

- ON Default and normal position. Provides between 4 to 10 mA of sealing current towards the customer's NT1/TA.
- OFF Disables sealing current to the customer's NT1/TA.

S1-2 Test

- ON Used for factory test only.
- OFF Default and operational mode.



T400 Edge Connector Pin Assignments

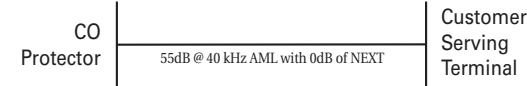
55	TIP, U-Interface	To Customer
49	RING, U-Interface	To Customer
47	RING, Total Reach Interface	From CO
41	TIP, Total Reach Interface	From CO
27	Frame Ground	
11	Frame Ground	

Note: ISDN connections are not polarity sensitive.

WARRANTY

Warranty for Carrier Networks products manufactured by ADTRAN and supplied under Buyer's order for use in the U.S. is ten (10) years. For a complete copy of ADTRAN's U.S. and Canada Carrier Networks Equipment Warranty: (877) 457-5007, Document #414.

DEPLOYMENT GUIDELINES



Total Reach SC PAM Side

- Maximum Loop Loss measured at a Nyquist of 20 kHz is 46 dB AML or 43 dB EML
- Maximum Loop Loss measured at a Nyquist of 40 kHz is 55 dB AML or 52 dB EML
- Maximum DC Resistance2000 Ω
- Maximum Single Bridged Tap2 kft
- Maximum Total Bridged Tap2.5 kft
- Maximum # of Bridged Taps3
- Nominal Voltage is -130 Vdc from Tip (GND) to Ring (-130 V)

Note: Bridged Tap length must be included as part of the total loop length.

U-Interface Side

- Maximum Loop Loss 42dB @ 40 kHz using a 135 Ω termination
- Maximum Noise 33 dBm using a 135 Ω termination with a 50 kB filter
- Maximum DC Resistance 1300 Ω
- Maximum Single Bridged Tap 2 kft
- Maximum Total Bridged Tap 2.5 kft
- Maximum # of Bridged Taps 3
- Voltage -48 Vdc from Tip (GND) to Ring (-48 V)

CONNECTIVITY

