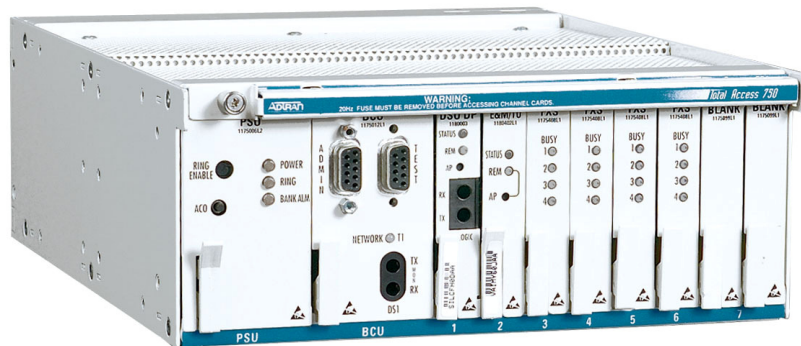


Total Access 750

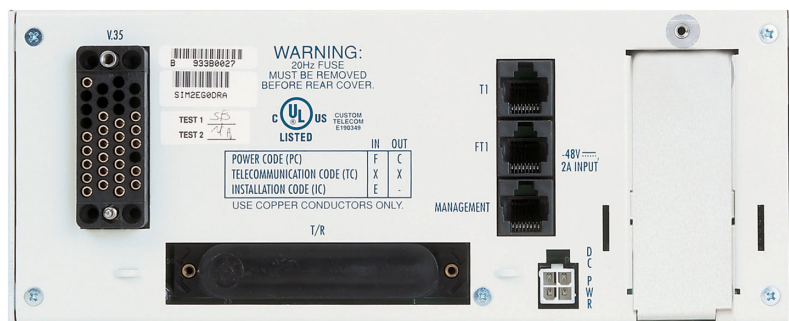
Discontinued

Modular T1 TDM Integrated Access Device

Front View



Rear View



Physical Interfaces

- **Integrated Ports**
 - One T1/FT1 port
 - One V.35 Nx56/64 DTE Interface (Activated by BCU L2)
 - One DSX-1 Port (Activated by BCU L2)
 - DB-9 Management Port
 - 50-pin Amphenol

Physical Specifications

- Chassis: 1U Rackmount / Wallmount
- Dimensions: 3.5" H, 11" D, 8.5"W
- Weight: 8 lbs (Fully Loaded)
- Operating Temperature: -40°F to 158°F (-40°C to 70°C)
- Mean Time Between Failure (MTBF):
 - TA 750 (Chassis Only): 5,434,783 Hrs
 - TA 750 AC w/ BCU L1: 262,399 Hrs
 - TA 750 AC w/ BCU L2: 243,725 Hrs
 - TA 750 DC w/ BCU L1: 327,977 Hrs

Administration and Management

- Console Port (Menu Driven)
- Error Counts: ES, SES, UAS, % AS, % EFSEC, Alarms and Error Rates
- Reports: NI information stored for past 24 hours (15-minute increments)

Power Specifications

- DC Power: 40-56 VDC
- Optional AC Power Supply: 90-130 VAC
- Power consumption
 - 56 W max
 - 193 BTU max
- Max Current Draw : 2A

Firmware Support

- Current Version: Rev (L38 03/04/2004)
- Initial Version: Rev G (10/19/1999)

Performance and Design Considerations

- Voice
 - Maximum Line Length off of FXS Module: 18k ft. *
 - FXS Signaling Types
 - Loop Start / Ground Start
 - Tandem (E&M)
 - Dial Pulse Originate (DPO)
 - Private Line Automatic Ringdown (PLAR)
 - FXS Ring Voltage: 90V AC RMS
 - FXO Signaling Types
 - Loop Start / Ground Start
 - Dial Pulse Terminate (DPT)
- Bank Control Unit (BCU)
 - BCU L1 Activates User Modules Only
 - BCU L2 Activates User Modules and DSX-1
 - V.35 interface only activated by V.35 module
 - Channel Assignment is Slot and Port Specific
- FT1 Port
 - Pass Through Only for T1 CAS/PRI or Data
 - Line Length: 0 – 655 ft.
- Single Port E&M Module **
 - Supports E&M Type I, II, III and V
 - 2 or 4 Wire Mode
 - Transmit Only (TO Mode)
- Single Port U-Brite Module **
 - Connects ISDN BRI devices over point to point T1
 - Supports ISDN BRI backhaul only in CO with external BITS clock
 - Line Length: 18k ft. *
- Single Port OCU DP Module **
 - Connects external 56/64k CSU/DSU devices over point to point T1
 - Does not support 56/64k DDS extension/backhaul from PSTN
 - DDS breakout from carrier provided T1
 - Line Length: 18k ft. *

* Distance limitations are based on 24 AWG copper cabling and ideal conditions.

** When used with BCU L1 or L2, single port modules only map to the DS0 channel(s) for the slot in which they are installed. Unused DS0s for that slot are not useable by any other module but may be mapped to the V.35 or DSX-1 interface as a discontinuous range.

Agency Approvals

- UL 1950, FCC Part 15 (class A) and Part 68

Warranty

- 10 Year (Repair & Return)
- www.ADTRAN.com/Warranty

Product Includes

- All Total Access 750 units ship with the following:
 - Wallmount Brackets
 - Power Cord (7.5')
 - T1 Cable (6')
 - ADTRAN Documentation CD
 - Total Access 750 Quick Start Guide

Part Number Information

Total Access 750 Chassis	Part Number
Total Access 750 Chassis (Chassis Only)	1175001L1
Total Access 750 Dual Chassis (Chassis Only)	1175201L1
Total Access 750 AC Chassis w/ BCU L1	4175001L1#AC
Total Access 750 DC Chassis w/ BCU L1	4175001L1
Total Access 750 AC Chassis w/ BCU L2	4175002L0#AC

Modules & Accessories	Part Number
Total Access Quad FXO	1175407L2
Total Access Quad FXS	1175408L2
Total Access Single Port U-Brite	1180020L1
Total Access Single Port OCU DP	1180005L1
Total Access Single Port E&M/TO	1180402L1
Total Access Blank Plug	1175099L1
AC Supply & Battery Charger	1175043L3
Rackmount or Wallmount Battery Backup	1175044L1
Wallmount Battery Backup	1175044L2
19" Battery Backup Rackmount Brackets	1175047L1
23" Battery Backup Rackmount Brackets	1175048L1
19" Total Access 750 Rackmount Brackets	1175045L1
23" Total Access 750 Rackmount Brackets	1175046L1
20' Male to Female 50 PIN Amphenol Cable	3353009
Punch Down Block	3353002
Total Access PSU	1175006L2

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