Total Access 3010

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Multiservice Access Platform

Product Features

- TDM, Frame Relay, or ATM network interfaces
- Open-architecture design
- High density – 176 two-wire circuits per shelf
- 1:1 protection for network and loop interfaces
- Digital and Metallic Test Access
- Multiple network management capabilities (TL1, SNMP, and Telnet), including provisioning, alarms, and testing
- TDM network interfaces available today – DS3, E3
- TDM loop interfaces available today – HDSL, HDSL2, T1, DSX-1, ISDN, Optical, E1, SHDSL
- ATM network interfaces available today – DS3
- ATM Loop interfaces available today – HDSL, HDSL2, T1, DSX-1, ISDN, Optical, E1, SHDSL

The Total Access 3010 is an open-architecture, Carrier Class multiservice access platform for deploying broadband and xDSL services from TDM, Frame Relay, or ATM backbone infrastructures.

Its compact size (19" x 6") allows installation in places where space is limited, such as crowded COs, RT cabinets, co-location (COLO) sites, and customer premises equipment rooms.

The Total Access platform provides a variety of loop and network interface modules. Most interfaces support Automatic Protection Switching (APS). For today's TDM networks, Total Access supports DSX-1, DS3, STS-1, and OC-3 network interfaces with companion loop interfaces such as HDSL, HDSL2, T1, ISDN, and Optical DS2. Frame Relay and ATM network interface modules support HDSL2, SHDSL, ADSL, IDSL, and DSX-1 loop interfaces.

The Total Access 3010 can be deployed as any of the following:

- Office Repeater Bay (ORB)
- M13 multiplexer, with the flexibility to deploy interoffice (DSX-1/E1) and/or outside plant loop interfaces (SHDSL, HDSL, Optical, E1)
- Digital Subscriber Line Access Multiplexer (DSLAM), with extremely low first circuit and port cost

Total Access supports a wide variety of management options. Transaction Language 1 (TL1) is used to communicate alarms with Telcordia's NMATM Operations Support System (OSS) using an internal X.25 PAD. An Ethernet 10BaseT connector is used for Telnet access and connection to SNMP networks. ADTRAN's Total Access EMS SNMP software, running on a workstation, provides a graphical user interface (GUI).

Total Access System

ADTRAN

Total Access 3010

Total Access System

Multiservice Access Platform

Product Specifications

Network Interfaces
- **Transport:** DSX-1/E1, DS3/E3, STS-1, OC-3
- **Physical:** 50- pin AMP, Coax, Fiber

Management
Craft Interface
- Accessible from front of SCU
- **Electrical Interface:** EIA-232, PC serial port, or modem
- **Physical connector:** DB-9 front

10 BaseT Interface
- **Protocols:** SNMP, TELNET

Synchronous DB-25 Interface
- **Protocol:** TL1
- Internal X.25 PAD
- Compatible with NMATM

Physical
- **Dimensions:** 6" W, 12" D, 19" W
  (48.26 cm W, 10.2 cm H, 30 cm D)
- **Weight:** 12 lbs. (chassis only)
- **Agency Approvals:** CE Mark, IEC 950

Environmental
- **Operating Temperature:** -40° to +65° C
- **Storage Temperature:** -20° to +70° C
- **Relative Humidity:** Up to 95% non-condensing

Power
- **DC Power:** -40 to +56 vDC
- **Connection:** Screw terminals (A and B feed)

Ordering Information

Equipment	Part #
Chassis	1182003L1

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