ADSL Mini-DSLAM Series

Total Access 1200 Series of ADSL Mini-DSLAMs

Product Features

- Mini-DSLAMs for CO, CEV, RT applications demanding cost efficiency

- 24 ports of ADSL with integrated splitters

- Expansion capability for both ATM IMA and IP Ethernet

- Choice of ATM and IP Ethernet uplinks

- Inverse Multiplexing over ATM (IMA) for up to four E1 IMA links in a single unit

- Interoperable with any ATM DS1/E1 IMA device that is built to current IMA specifications which includes the Total Access 3000 IMA Aggregation System

- POTS service is not power dependent

- Front access to all connections

- Fully redundant A/B power inputs

- Local craft interface and ATM in-band management channel enable provisioning and alarm monitoring via SNMP/ASCII text and TL1

Carriers are seeking DSL solutions that deliver broadband simply and reliably to their valued customers. In order to make DSL delivery a business success, carriers need solutions that control costs, simplify management, and provide advantageous support systems. The ADTRAN Total Access 1200 Series of Mini-DSLAMs were designed with service providers in mind. With low start-up costs and the ability to scale for future applications, the Total Access 1200 Series offers the advantages carriers need to make DSL affordable and maintainable.

The Total Access 1200 Series of Mini-DSLAMs are temperature-hardened, 1U high mini-DSLAMs that enable delivery of 24 ports of POTS, ADSL, and IP Ethernet service from smaller Central Offices (COs), Controlled Environmental Vaults (CEVs), and Remote Terminals (RTs). Design flexibility enables the Total Access 1200 Series to be mounted as rack, wall, or vertical positioned units inside existing enclosures. The units measure 4.45 cm H x 43.82 cm W x 28.26 cm D and offer redundant power using –42 to –56 VDC.

The series consists of:

- Total Access 1210: 24-port ATM Quad IMA network interface
- Total Access 1211: 24-port ATM Quad IMA network interface with expansion option
- Total Access 1250: 24-port IP Ethernet network interface

In the Total Access 1210 and 1211 models, the ADSL is generated locally and merged via onboard splitters, on the same pair as the corresponding POTS signal for delivery to the customer. The Total Access 1200 Series models offer a scalable network interface Quad IMA module with future capabilities for Octal IMA, DS3 and STM-1. The modules assure easy deployment and dynamic network utilization as subscriber needs dictate. These Mini-DSLAMs perform Inverse Multiplexing over ATM (IMA) for up to four E1 IMA links in a single unit. The units can scale into a system-wide RT solution by using the Total Access 1200 expansion feature to deploy multiple shelves at a single location.

The Total Access 1250 supports IP Ethernet services to end-user customers. The economics of broadband delivery are immediately improved for both carriers and customers, especially businesses such as hotels, service-based organizations, and small-to-mid-sized enterprises. Carriers benefit by expanding IP services in their existing networks without costly ATM server installations. This is very true for network applications that do not require the expense associated with ATM-QoS.

Developed with ADTRAN's concern for carrier field needs, the Total Access 1200 Series have two pre-installed fan modules complete with fan filters. Each fan module and fan filter is field replaceable. The fans are controlled by heat-sensing circuits and will only run when necessary. Additionally, all connections have front panel access.

Total Access System

ADTRAN

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ADSL Mini-DSLAM Series

Total Access System

Total Access 1200 Series of ADSL Mini-DSLAMs

Product Specifications

Front Panel Features
- **Five LEDs:** Power, ADSL, Network, Alarm, T1/E1, IP
- **Two 50-pin amphenol interfaces:** POTS, ADSL+POTS
- IP Ethernet
- DB-9 craft interface
- DB-15 alarm interface, input/output
- Four RJ-45 uplink trunks

Mechanical
- **Dimensions:** 4.45 cm H x 43.82 cm W x 28.26 cm D (1.75 in. H x 17.25 in. W x 11.13 in. D)
- **Weight:** 3.63 kg (8 lb)
- **Mounting:** Rackmount or wallmount

  Can be mounted in either a flush mount or mid-mount orientation in either a 19-inch or 23-inch rack.

Interfaces
Network Interfaces
- Quad IMA
- IP Ethernet
- DS3 – future
- STM-1 – future
- POTS

Subscriber Interfaces
- ADSL with POTS Splitters
- IP Ethernet

Modulation Supported
- DMT
- G.Lite
- T1.413

Electrical
- −42 VDC to −56 VDC

Regulatory Standards
- NEBS Level 3
- CE Mark
- IEC 60950
- EN 60950
- EN 300 386-2

Management
- **Local:** ASCII – menu
- **Remote:** SNMP, TL1, 10Base-T Ethernet

Environmental
- **Operating:** −40°C to +70°C
- **Storage:** −40°C to +85°C
- **Relative humidity:** 95 percent, noncondensing

Ordering Information

Equipment	Part #
Total Access 1210	
Total Access 1210 ATM Mini-DSLAM	4179611L1
Total Access 1200 RDS Shelf, 19-inch, 24-port	1179601L1
Total Access 1210 Quad IMA Interface	1179611L1
Total Access 1211	
Total Access 1211 Mini-DSLAM	4179611L2
Total Access 1200 RDS Shelf, 19-inch, 24-port	1179601L1
Total Access 1211 Quad IMA Expansion	1179611L2
Total Access 1250	
Total Access 1250 Mini-DSLAM	4179611L3
Total Access 1200 RDS Shelf, 19-inch, 24-port	1179601L1
Total Access 1250 IP Module	1179611L3