



OCTAL ADSL

Total Access 3010 DSLAM Octal ADSL Access Module

Product Features

- Provides eight ports of ADSL, either full-rate (DMT) or G.lite
- 176 ports per Total Access 3010 DSLAM
- Supports separately configurable interface rates upstream and downstream
- Supports craft interface management
- Supports Total Access EMS management with SNMP
- Incorporates front panel LEDs for power/card status and loop status
- Designed to IEC 950, CE Mark, EN 300-382-2 standards
- ADSL Annex A

An ideal solution for high-speed data applications, the ADTRAN™ Octal ADSL Access Module provides ADTRAN's Total Access® 3010 DSLAM with 8 ports of ADSL, each of which can be individually configured for either full-rate or G.lite ADSL. Residing in a single access slot in the DSLAM, this module provides two of today's most popular DSL technologies.

Flexible and configurable, ADTRAN's ADSL module allows operators to configure upstream and downstream transmission rates, or the interfaces may be configured to adapt to the best possible rates available on the subscriber loop.

The ADSL module co-exists in the DSLAM with ADTRAN's ATM Cell Switch Module to provide cell-switched ADSL services. The Cell Switch Module provides all cell-switching functions in the DSLAM.

Front panel LEDs include power/card status and loop status for each subscriber loop. The module supports craft interface management. More comprehensive management is available using the Total Access Element Management System (Total Access EMS) with SNMP.

User access to the Octal ADSL Access Module is through the SCU through the system bus present on the Total Access DSLAM backplane. The module generates all menus. The system controller initiates and controls the transfer of commands, which are transmitted and received using an asynchronous serial bus with the SCU serving as the master and all other units operating as slaves. All provisioning and data reporting takes place over the communication bus.

The Octal ADSL Access Module interfaces with the SCU for SNMP management. Both provisioning and alarm/LED status is supported.

All provisioning of the module is handled through the SCU communication link. The unit retains provisioning data in a non-volatile memory device for recovery after a power loss and supports optional autoprovisioning through the SCU.

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Product Specifications

Front Panel Features

- Power LED
- 8 ADSL port indicators

Mechanical

- **Dimensions:** 13.6 cm H x 1.3 cm W x 25.9 cm D
- **Weight:** Less than 453 grams
- **Mounting:** Installs in a single Total Access 3010 access module slot

Interfaces

- **Network Interface:** ATM upstream through the Cell Switch Module
- **Subscriber Interface:** ADSL, Full Rate, and G.lite, rate adaptive ADSL

Electrical

- **Power Requirements:** -42 to -56 VDC input voltage range

Regulatory Standards Designed To

- NEBS Level 3
- GR-1089-CORE
- UL 1950
- IEC 950
- CE Mark
- EN 300-386-2

Management

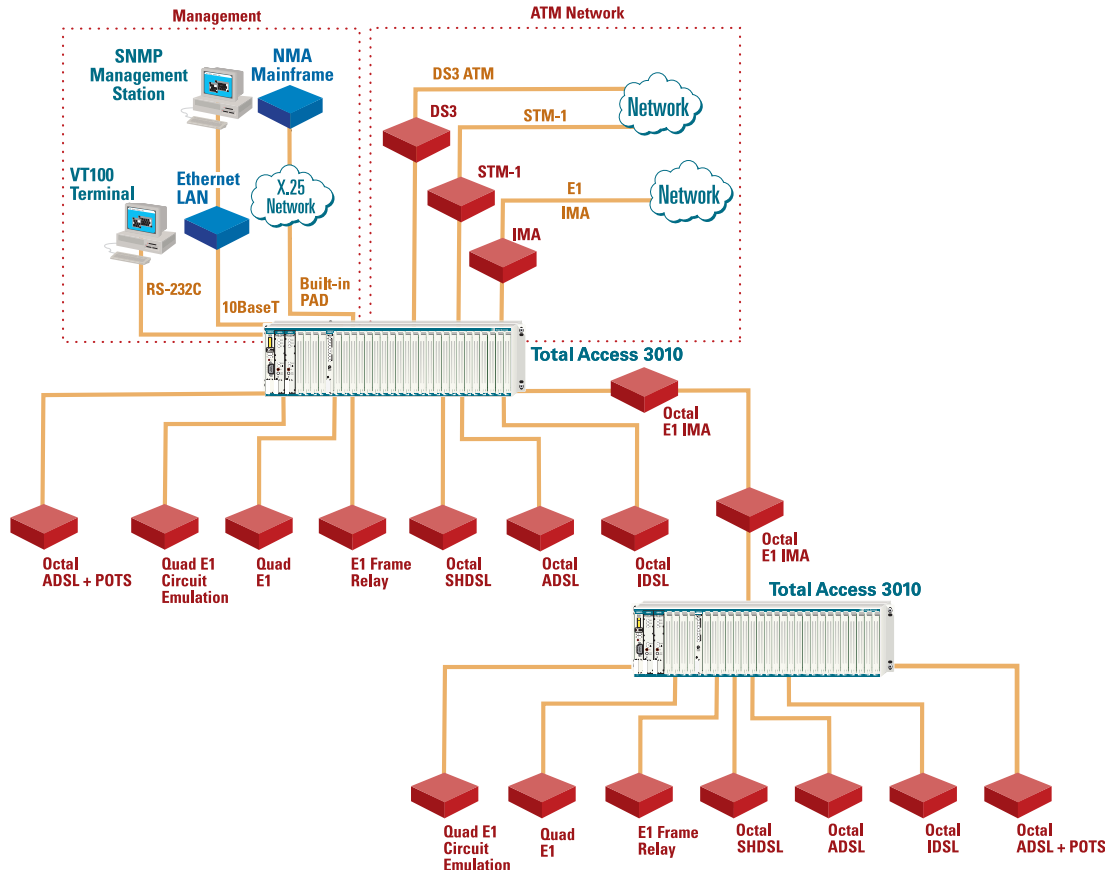
- Craft interface, SNMP, TL1

Environmental

- **Operating:** -40°C to +65°C
- **Storage:** -40°C to +85°C
- **Relative Humidity:** Up to 95 percent, noncondensing

Ordering Information

Equipment	Part #
Octal ADSL Access Module	1181405L1



I.S. EN ISO 9001
ADTRAN is an
ISO 9001:2000 registered company.



TL 9000
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