



ATM OC-3/STM-1 Line Module

Total Access® 5000

Product Features

- Single configurable ATM OC-3 or STM-1 Interfaces
- Up to 10 Redundant OC-3/STM-1s per Total Access 5000
- Optional 1:1 Equipment Protection
- VPI/VCI to VLAN Interworking
- Full Range of VLAN IDs Support
- Full range of VPI/VCI Support
- Supported by Total Access EMS
- Industry-leading, 10-year warranty

The ADTRAN® Total Access 5000 is a carrier class multiservice access and aggregation platform that bridges the gap between existing and next-generation networks.

With a pure Ethernet core, the Total Access 5000 supports both legacy and emerging service interfaces over copper and fiber, easily scaling to support even the most bandwidth intensive applications. Although IP/Ethernet has always been the destination, carriers were compelled to deploy an ATM core to support their rollout of high-speed DSL services. With Ethernet as the clear goal for many carriers, pure Ethernet platforms like the Total Access 5000 enable the emerging services that carriers are focused on delivering to their customers. Unlike other Ethernet platforms; the Total Access 5000 provides the ability to accomplish ATM to Ethernet migration in phases over time or via an immediate transition using simultaneous ATM and Ethernet network connections.

Total Access 5000 OC-3/STM-1 Line Module plays a key part in supporting the migration from the existing ATM network to the emerging IP/Ethernet core. The OC-3/STM-1 Line Module operates in conjunction with the Switch Module and can provide an ATM OC-3 or STM-1 simultaneously with the Ethernet

uplink or can serve as the sole network uplink for a Total Access 5000. Either way, the OC-3/STM-1 Line Module assists in providing ATM connectivity for high-speed Internet subscribers. The OC-3/STM-1 Line Module can be deployed simplex or redundant, providing a 155 Mbps uplink to an ATM network.

The architecture of the Total Access 5000 allows users to configure any circuit from an aggregation port (i.e. ATM OC-3, ATM DS3, or xDSL service) toward the network via the OC-3/STM-1 Line Module or via the Switch Module's Ethernet port on a circuit-by-circuit basis, providing complete manageability of migration from ATM to Ethernet.

Front panel LEDs include power, card status and loop status for each network uplink. The DS3 Line Module supports local and remote management (Telnet, SNMP, TL1) via the Total Access 5000 System Controller Module (SCM). More comprehensive management is available using the Total Access Element Management System (EMS).

All provisioning is supported through the SCM communications link. All provisioning data is stored in nonvolatile memory for recovery after a power loss and supports optional auto-provisioning via the SCM.



ADTRAN, Inc.
901 Explorer Boulevard
Huntsville, AL 35806

P.O. Box 140000
Huntsville, AL 35814-4000

256 963 8000 voice
256 963 8030 fax

General Information
800 9ADTRAN
info@adtran.com
www.adtran.com

**Pre-Sales
Technical Support**
888 5ADTRAN
support@adtran.com
www.adtran.com/support

Where to Buy
800 827 0807
www.adtran.com/where2buy

**Post-Sales
Technical Support**
800 726 8663
support@adtran.com
www.adtran.com/support

Regional Offices
Dallas, TX
972 830 9070
Denver, CO
303 471 9150
Kansas City, KS
800 471 8649
Newark, NJ
800 471 8656
Ontario, Canada
416 290 0585
Quebec, Canada
877 923 8726
San Antonio, TX
888 223 7671

International Inquiries
+1 256 963 8716 voice
+1 256 963 6300 fax
international@adtran.com
www.adtran.com/international

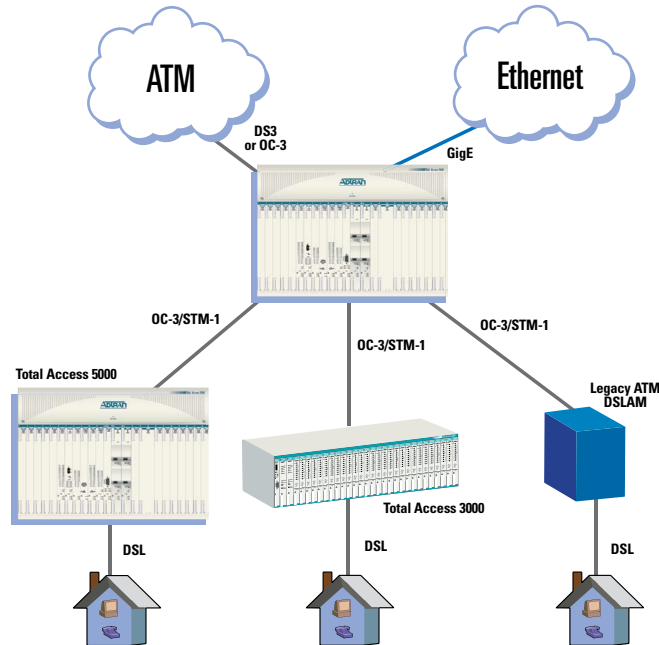


ADTRAN is an ISO 9001, ISO 14001
and a TL 9000 certified supplier.

61187210E1-8B January 2008
Copyright © 2008 ADTRAN, Inc.
All rights reserved. Printed in the U.S.A.

ATM OC-3/STM-1 Line Module

Total Access® 5000



Product Specifications

Mechanical

- **Dimensions**
 - 9.25 in. H x 0.8 in. W x 9.25 in. D

Interfaces

- **Network Interface:** OC-3/STM-1
- **Physical Interface**
 - Requires blank panels for backplane
 - SFP based connection

Regulatory Standards

- NEBS Level 3
- GR-1089 CORE
- GR-63 CORE
- NRTL Listed
- FCC Part 15

Management

- Remote management through SNMP and TL1
- Ethernet interface for SNMP

Environmental

- Operating Temperature: -40°C to +65°C
- Storage Temperature: -40°C to +70°C
- Relative Humidity: Up to 95%, noncondensing

Ordering Information

Equipment	Part #
TA5000 OC-3/STM-1 LINE MODULE	1187210E1
TA5000 AMI02 BLANK PANEL	1187923L1
TA5000 AMI01 BLANK PANEL	1187925L1

Specifications subject to change without notice. ADTRAN and Total Access are registered trademarks of ADTRAN, Inc. All registered trademarks and trademarks mentioned in this publication are the property of their respective owners.