



# DS3 Line Module

## Total Access 5000 DS3 1-port Line Module

### Product Features

- Single ATM DS3 Interface
- Up to 10 Redundant DS3s per Total Access 5000
- Optional 1:1 Equipment Protection
- VPI/VCI to VLAN Interworking
- Full range of VLAN IDs supported
- Full range of VPI/VCI supported
- Supported by Total Access EMS
- Industry-leading, 10-year warranty

The ADTRAN® Total Access® 5000 is a carrier class multi-service 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.

The Total Access 5000 DS3 Line Module plays a key part in supporting the migration from the existing ATM network to the emerging IP/Ethernet core. The DS3 Line Module operates in conjunction with the Switch Module and can provide an ATM DS3 simultaneously with the Ethernet uplink or can serve as the sole network uplink for a Total Access 5000. Either way, the DS3 Line Module assists in providing

ATM connectivity for high speed internet subscribers. The DS3 Line Module can be deployed simplex or redundant, providing a 44.746 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 DS3 Line Module or via the Switch Module's Ethernet port on a circuit by circuit basis providing complete manageability of your 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.

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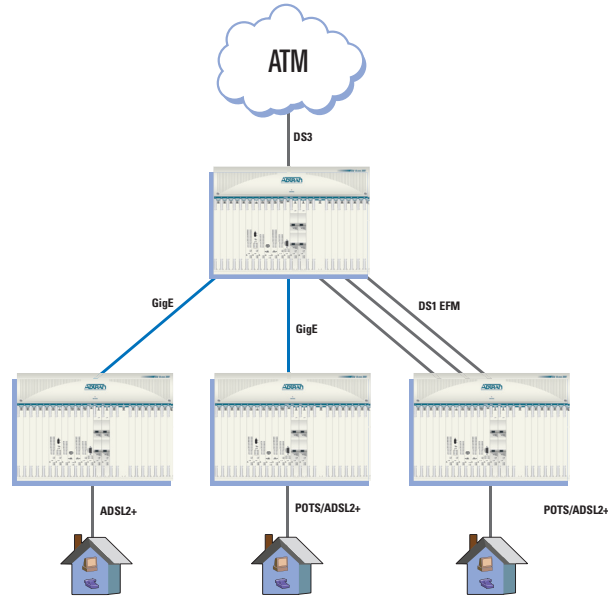


ADTRAN is an ISO 9001, ISO 14001 and a TL 9000 certified supplier.

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## Total Access 5000 DS3 1-port Line Module



## Product Specifications

### Mechanical

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

### Interfaces

- **Network Interface:** DS3
- **Physical Interface:**
  - Requires LMIO2 DS3 BRIDGED BNC
  - Standard BNC Connector

### 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 DS3 1-PORT LINE MODULE	1187200L1
TA5000 LMIO2 DS3 1R REDUNDANT	1187440L1
TA5000 LMIO2 DS3 2NR NON-REDUNDANT	1187441L1
TA5000 LMIO2 DS3 4NR NON-REDUNDANT	1187444E1