

ADSL2⁺ 32-port AM with CAT5 Pinout

Total Access 5000 ADSL2⁺ Access Module

Product Features

- Provides 32-ports of ADSL2⁺, ADSL2, READSL or ADSL
- 320 ports with integrated POTS splitters per Total Access 5000
- Supports VDSL2 CAT5 pinout
- Full backwards compatibility with existing ADSL modems
- Pair bonding
- Supports separately configurable interface rates for upstream and downstream
- Onboard relays provide for metallic test access to the subscriber loops
- Fully Managed by Total Access EMS
- Industry-leading 10-year warranty

The ADTRAN® Total Access® 5000 Multi-Service Access and Aggregation Platform can be configured to support a pure DSL overlay application. As an IP DSLAM, the Total Access 5000 is equally capable in Central Office (CO), Remote Terminal (RT) and Remote Node (RN) locations, providing an economically scalable DSL overlay solution to meet the increasing broadband requirements of the next-generation network.

The ADTRAN Total Access 5000 ADSL2⁺ Access Module works in tandem with the Total Access 5000 SPLTR V2 Access Module to deliver up to 32 individually configurable broadband ports per card. Although the ADSL2⁺ Access Module only takes up one slot in the Total Access 5000, the SPLTR V2 Access Module is required, both to deliver services to the end customer and to provide subscriber access termination. The SPLTR V2 Access Module functions as a host card for the ADSL2⁺ Access Module, allowing the data portion to be removed without interrupting POTS services. Splitter modules are available with and without Metallic Test Access (MTA).

Fully configurable to support ADSL2⁺, the Total Access 5000 ADSL2⁺ Access Module also supports standard fallback modes including ADSL2, RE ADSL2⁺, G.Lite and ADSL. Flexible and configurable, the ADSL2⁺ Access Module allows operators to configure both upstream and downstream transmission rates or allows the interfaces to adapt to the best possible rates on the subscriber loop.

For those customers deploying both ADSL2⁺ and VDSL2, this module provides the flexibility to seamlessly migrate from ADSL2⁺ to VDSL2 without the need to re-wire the system. This allows the service provider to deploy one splitter card type and manage one cable pinout, maintaining optimum performance, regardless of the technology chosen.

The Total Access 5000 ADSL2⁺ Access Module is supported by the Total Access 5000 Switch Module, offering VC to VLAN switching, allowing ATM-based ADSL traffic to be mapped directly into an IP network via Gigabit Ethernet.

Front panel LEDs include power, card status and loop status for each subscriber loop. The access modules support craft interface management via the Total Access 5000 System Controller Module (SCM). More comprehensive management is available using the Total Access Element Management System (EMS).

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



ADSL2+ 32-port AM with CAT5 Pinout Total Access® System

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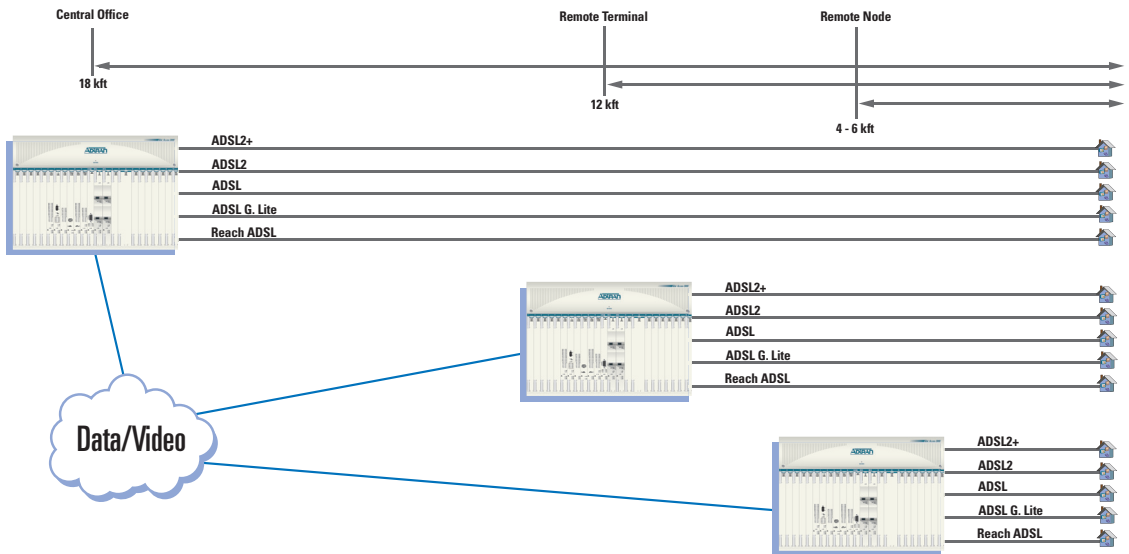
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ADTRAN is an ISO 9001, ISO 14001,
and a TL 9000 certified supplier.

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Total Access 5000 ADSL2+ Access Module



Product Specifications

Mechanical

- **Dimensions:** 9.25 in. H x 0.8 in. W x 9.25 in. D
- **Mounting:** SPLTR V2 32-Port access module slotted in even number slots; ADSL2+ 32-Port access module slotted in odd number slots

Interfaces

- **Network Interface:** via Switch Module
- **Subscriber Interfaces:**
 - ADSL2+ ITU G.992.5
 - ADSL2 ITU G.992.3/4
 - ADSL ITU G.992.1
 - ANSI T1.413-1998 Issue 2
 - ADSL G.Lite ITU G.992.2
 - ADSL2+ ITU G.992.5 Annex L
- **Physical Interface:** Requires AMIO2 CH64 PUSH THROUGH (P/N 1187450G1), Female CH64 connector for subscriber termination

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 #
Total Access 5000 ADSL2+ 32-port CAT5 Access Module	1187102G1
Total Access 5000 Splitter VDSL2 32-port Access Module	1187125L1
Total Access 5000 Access Module Input/Output Dual Champ 64-pin Push-Through Panel	1187450G1

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