

NETLINK™ ACCESS PRODUCTS

The Patton 3095 mDSL Digital Cross Connect provides 16 mDSL ports, each supporting dedicated connections with nx64 kbps rates up to 2.3 Mbps.

mDSL Digital Cross Connect

Patton 3095: 16 mDSL Ports & WAN Uplink Modules

DSL delivers the reach-and-range, but the infrastructures delivering those services have typically lacked integration, often requiring a rack full of specialized equipment. Now, Patton has combined mDSL, DACS, and WAN functions into a space-saving, power-saving, single-box solution.

The Model 3095 mDSL Digital Cross Connects links up 16 mDSL circuits to multiple WAN uplink modules with completely flexible grooming. Each 2.3-Mbps mDSL (CAP or 2B1Q) offers user-selectable nx64 data rates. With its built-in any-to-any cross-connect, each data channel, or channel group, can be multiplexed onto any uplink or DSL port. The entire system is easily manageable through an integrated SNMP/HTTP-based NMS. To ensure high service-uptime, the Model 3095 provides dual-redundant power supplies. Provide a completely managed end-to-end solution using Patton's family of mDSL NTUs.

Harness the explosive growth in DSL with a tightly integrated, cost-effective solution to aggregate high-speed traffic. To obtain the greatest efficiency and economy, with the right set of features choose the Model 3095 DACS for your network. For more information, visit us at www.patton.com.

Compact 1U mDSL Platform

Field-proven hardware platform with 16 mDSL ports in a single 1U space

2.3-Mbps mDSL CAP or 2B1Q

Choose the right line-coding for your network on each 2-wire mDSL port

Flexible WAN Uplink Modules

Your choice of Quad/Octal/Hex T1/E1 module, or Hex sync serial module

SNMP/HTTP Network Management

Configure the Model 3095 and the remote mDSL modems from any location in the world.

Complete Alarm Facilities

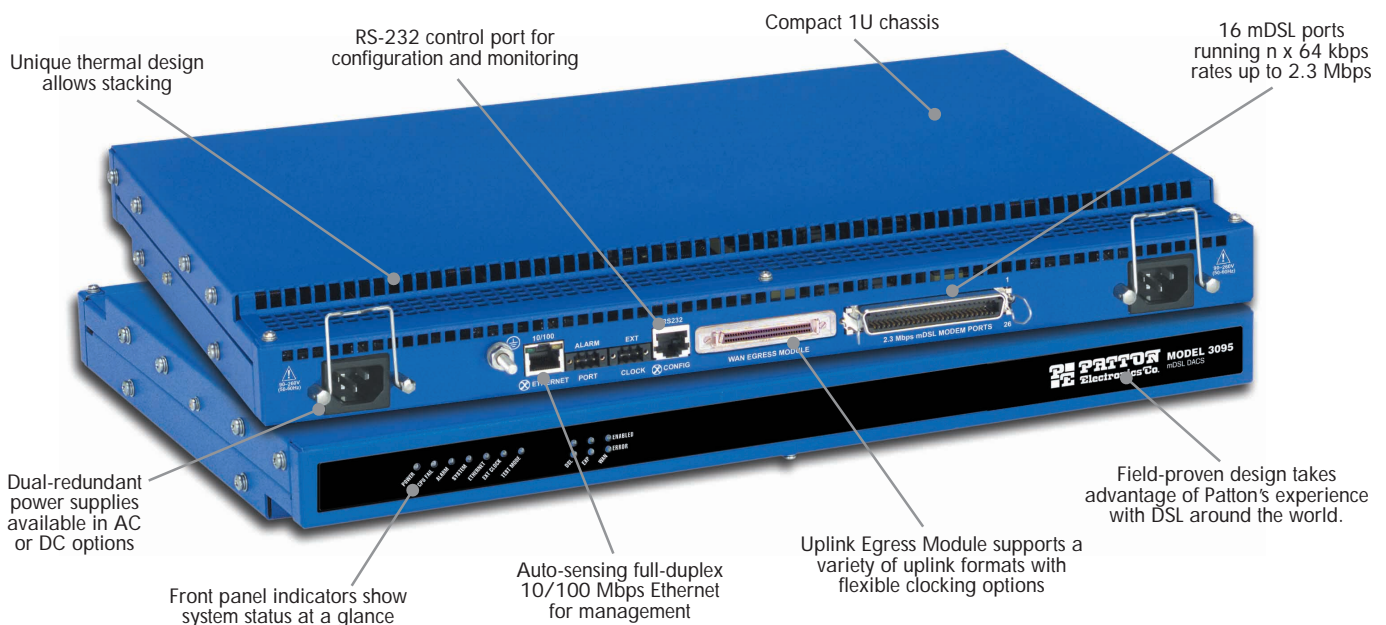
Configurable alarm reporting via remote SNMP traps, front panel LEDs, 3-contact relay, and NMS

Dual-redundant Power Supplies

Robust hardware ensures high reliability and service-uptime



PATTON



Competitive Positioning

The Model 3095 DACS is packed with features and adds the redundancy and ease of management that you require. Plus, you get configuration support, technical services, one-year warranty, and free software updates. Greater reliability and the smallest footprint make the Model 3095 the cost-leader for mDSL concentration.

• Compact Integrated Design

- Complete unit with 16 mDSL ports, DACS, NMS, and dual-redundant power
- Field-proven hardware platform
- All features are standard and all units come complete with what you need to begin operating quickly

• Complete Network Management

- Integrated SNMP/HTTP enables end-to-end control
- RS-232 Console and Ethernet access
- Major/minor alarm monitoring for power, DSL port, and WAN port status

• Field-removable fan tray

- Change the fan and/or filter without taking the unit out of service

• Dual-Redundant Power

- Cool-running—the Model 3095 uses just 36 watts of power
- AC or DC power options fit your network requirements.

3095 Competitive Positioning

	Patton Model 3095 DACS	Paradyne 8620/8779 TDM SDSL	Telindus Crocus SDSL Quad
Base Features	Max Data Rate	2.3 Mbps	2.3 Mbps
	Line Coding	User-selectable 2B1Q or CAP	2B1Q Only
	Number of DSL Ports	16	16
	Compact Chassis	YES: 1U	No: 3U
	DSL Port Density Per 1U	16	5.3
	Uplink Connections	4/8/16 E1 or 16 V.35 sync serial	16 E1
Key Selling Points	WAN/DSL timeslot mapping	Complete Any-to-Any DSO Timeslot Mapping	Limited (not between cards)
	Embedded Web-based Management system	YES	Yes
	Free Software Updates	YES	No
	Power	36 Watts	250 Watts
	ISO 9001 compliant	YES	Yes
	Your Choice For DSL Multiplexing	Hands Down: the Winner	No

Specifications

mDSL ports	16 ports presented on an RJ-21X 50-pin connector, each supporting data rates of nx64 kbps (up to 2.3 Mbps)
Egress Modules	Uplink module options include 4, 8, or 16 T1/E1 ports; 16 sync serial ports
Ethernet Port	Single 10/100Base-T (RJ-45 connector)
mDSL Modems	Patton 1095 and 1088 mDSL (CAP), 1094A and 1089 HDSL (2B1Q)
WAN Clocking	Internal, Network (from T1/E1 WAN port), External BITS (Building Integrated Timing Supply) Clock Source via 3-pin terminal block
mDSL Clocking	Provides clocking to the remote mDSL NTUs/Modems
Front Panel Indicators	LEDs for power, CPU, system, Ethernet, External clock, test mode, DSL, and Uplink Egress module
Power Supplies	Dual-redundant universal AC/DC (fixed); AC power: 100–240VAC (50/60 Hz); DC power: -40 to -72VDC
Management Services	HTTP, SNMP, TELNET Ethernet, RS-232 Console Port, SYSLOG Client, Remote Software Upgrade via FTP
Alarm Reporting	Configurable alarms; Remote SNMP Traps; Front Panel LEDs; 3-Contact Relay (3-pin terminal block)
Compliance	Safety: UL/CSA per UL1950 (METS) Canadian cMET and CS-03. EMC Directive 89/336/EEC, Low-Voltage Directive 73/23/EEC (EN 60950), FCC Part 15, CE Mark, CTR12, CTR13 FCC Part 68.
Environment	Operating temperature: 0–40°C (32–104°F); Humidity: 5–90% non-condensing
Dimensions	48.25 W x 32.00 D x 4.44 H cm (19.00 W x 12.60 D x 1.75 H inches)



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