NETLINK™ ACCESS PRODUCTS

Patton's Model 1088 Rocket is the superior choice for fast, dedicated, always-on access. The mDSL Rocket offers 2-wire, high speed network access to distances exceeding 30,000 feet (9,100 meters).

mDSL Rocket Modem

NetLink Patton Model 1088 Rocket Series

Patton's Model 1088 Rocket offers unsurpassed flexibility that drives profitability and reliability back into leased-line data services. Using mDSL technology and a single-pair line (2-wires), the Model 1088 provides low cost, full-duplex network termination or extension at nx64 data rates to 2.3 Mbps.

Multi-rate DSL (mDSL) delivers the maximum data rate that a twisted-pair line can accommodate at these distances. Supporting multiple rates from 64 kbps to 2.3 Mbps, the Model 1088 provides "megabyte" speeds to leased line, LAN-to-LAN interconnection, and WAN access to distances exceeding 5.6 miles (9.1 km).

The flagship of Patton's DSL solutions, the Model 1088 is compatible with other Patton mDSL products, including the Models 1095, 1095RC, and Model 3095. When used with Patton's central site equipment or access concentrators, the Model 1088 offers complete end-to-end management with Plug & Play operation.

By combining high speed over long distances with a complete set of standard features, such as built-in test modes and diagnostics, standard network connections, and end-to-end management, Patton has made the Model 1088 Rocket the superior choice for fast, dedicated, always-on access. For more information, visit us at www.patton.com.

2.3 Mbps With Market-Leading Distances

User-selectable nx64 kbps full-duplex symmetric rates available (to 2.3 Mbps) with industry-leading distances exceeding 30,000 feet (9,100 m)

Multiple Interface Options

Choose from Ethernet, G.703/G.704, X.21, V.35, and EIA-530

Built-in Testing and Diagnostics

Built-in test modes aid in troubleshooting. Front panel LEDs provide instant feedback on unit operation

NetLink Plug & Play

Plug-and-Play makes installation easy—plug everything in and the link is up and running in seconds

PPP Bridging Support With RRP

Ethernet bridging with PPP support enables customers to extend a router's serial interface to a remote LAN

SNMP Manageable

HTTP/SNMP manageable (as the remote unit) from any location when used with Patton's other managed chassis solutions

PATTON Electronics Co.

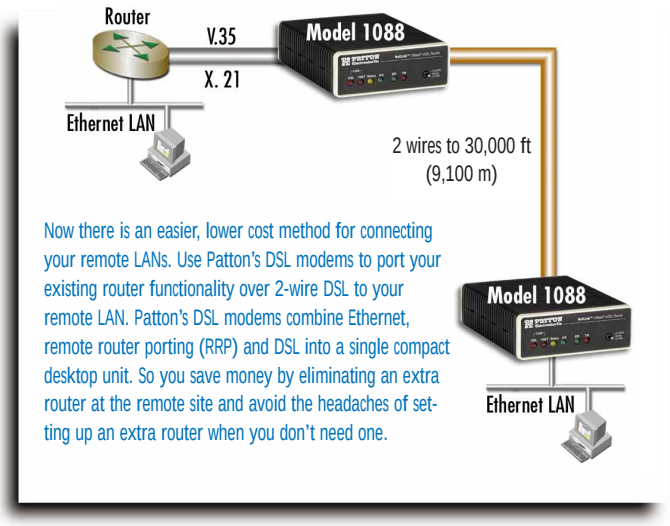
Model 1088 Rocket

Interface options

What does the Model 1088 offer?

The Patton Model 1088 mDSL Rocket modem packs speed, distances, and features into a low cost compact unit. The Model 1088 completes the link with the convenience of NetLink Plug & Play and end-to-end management via SNMP/HTTP. Patton stands behind our products—we are the only company in the industry offering configuration support, lifetime technical services, and a minimum of a one-year warranty on all products.

- Selectable nx64 Rates to 2.3 Mbps
- NetLink Plug & Play
  Just set the unit into the default mode, and the Plug & Play feature will automatically configure the Rocket to work with the central office (CO) equipment.
- Proven Design
  Compatible with all of Patton's existing mDSL products
- Low-cost Interfaces
  Multiple interfaces available: V.35, X.21, 10Base-T Ethernet, G.703/G.704, and EIA-530
- Industry Leading Distances
  Patton's mDSL modems lead the industry by providing nx64 rates at distances up to 30,000 ft (9,100 m).



Now there is an easier, lower cost method for connecting your remote LANs. Use Patton's DSL modems to port your existing router functionality over 2-wire DSL to your remote LAN. Patton's DSL modems combine Ethernet, remote router porting (RRP) and DSL into a single compact desktop unit. So you save money by eliminating an extra router at the remote site and avoid the headaches of setting up an extra router when you don't need one.

- SNMP Manageable
  - Use Patton's SNMP/HTTP based management system to manage the Rocket as the remote unit when used with Patton's Model 1095RC/1001MC, or Model 3095 Access Concentrator.
  - Remotely increase or decrease the allocated bandwidth via the Internet.
  - Perform thorough tests and link diagnostics remotely.

Specifications

	1088/C/UI	1088/D/UI	1088/I/UI	1088/K/UI
Clocking	Internal, External, or Receive Recovered	Internal, External, or Receive Recovered	Internal or Receive Recovered	Network
Rates	nx64 kbps to 2.304 Mbps	nx64 kbps to 2.304 Mbps	nx64 kbps to 2.304 Mbps	nx64 kbps to 2.048 kbps
Interface / Connector	V.35/M34F	X.21/DB-15F	10Base-T/RJ-45	G.703/G.704/Dual BNC or RJ-45
Compliance	FCC Part 15; CE	FCC Part 15; CE	FCC Part 15; CE	FCC Part 15; CE; CTR12; CTR13
Testing Parameters	V.52 511/511E Pattern Generator with Local and Remote Digital Loopback			
Line Coding	CAP line Code			
Line Interface	RJ-45; Two Wire (single twisted pair)			
Management	DIP switch or SNMP manageable as the remote unit.			
Power Supply	External wall mount power supply with 120 VAC, 230 VAC, or with universal 90-260 VAC input			
Environment	Temperature: 32–122°F (0–50°C); Humidity: 5–90%, non-condensing			
Dimensions	Standalone: 4.7 x 1.52 x 5.0 in. (10.6 x 3.9 x 12.7 cm)			

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