

These Miniature Converter Cables Automatically Select Parallel/Serial Mode

Overview

The Patton Model 2025 & 2029 miniature serial to parallel converters represent a breakthrough in size and performance. The Model 2025 & 2029 support auto-directional data conversion, serial data rates to 38.4 kbps, plus both hardware and X-On/X-Off handshaking. Yet they are no larger than a DB-9 or DB-25 backshell (excluding cable), and require no AC power or batteries for operation! The Model 2025 is designed to plug directly into an RS-232 device with a DB-25 serial port. The Model 2029 plugs directly into an EIA-574 (RS-232) device with a DB-9 serial port. Both come equipped with a six foot cable. And both models use microprocessor technology to automatically orient themselves for serial-to-parallel or parallel-to-serial data conversion. A single LED indicator monitors five modes, including transmit status.

Highlights

DB-9 (EIA-574) Versions Also Available

If you need to convert a DB-9 Serial port to Parallel or vice versa, you need the Patton Model 2029

Features

- Auto-Directional Data Conversion
- Automatic Parallel-to-Serial or Serial-to-Parallel Mode Selection
- Automatic DCE/DTE Mode Selection (Model 2025 only)
- Support for Both Hardware and X-On/X-Off Flow Control
- Data Rates to 38,400 bps
- External Configuration Switches
- No AC Power or Batteries Required
- Integral 6 foot (1.8m) Cable (Custom Connectors and Lengths Available)
- Link Status LED Indicator
- **Made in the USA** — This Patton equipment is designed by Patton engineers and built in our Gaithersburg, Maryland facility. Patton's American-made manufacturing process delivers high-quality networking solutions with reliability you can trust.

Specifications

Data Rate: .3, .6, 1.2, 2.4, 4.8, 9.6, 19.2, 38.4 Kbps selected by external DIP switch

Data Format: Asynchronous serial/36-pin parallel

Characters: 7 or 8 data bits, one stop bit

Parity: Even, odd or no parity w/ 7 or 8 data bits

Cable Length: 6.0 feet (1.8m)

Power: No AC power required

Ordering

#	Model #	Description	Availability
1	2025	SER<=>PAR CONV, DB25F/36PIN-M	General Availability
2	2025-25M	SER<=>PAR CONV, DB25F/DB25M	Special Order
3	2029	PAR/SER-SER/PAR INTERF CONV	General Availability
4	2029-25F	P-S/S-P INT. CONV W/ DB25F	Special Order
5	2029-25M	P-S/S-P INT. CONV W/ DB25M	Special Order

Item Number	Item Description	Price
SVC-SmartCare-BH (/support/support.asp)	Premium Support for Business Hours	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartCare-24/7 (/support/support.asp)	Premium Support, 24 x 7 Coverage	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartAssist-BH (/support/support-professional.asp)	Business Hour Support Services	Contact us (/howtobuy/) for availability and pricing.
SVC-SmartAssist-AH (/support/support-professional.asp)	After Hours Support Services	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR1 (/support/support-warranty.asp)	1 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
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SVC-ENHWAR5 (/support/support-warranty.asp)	5 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
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SVC-EXTWAR3 (/support/support-warranty.asp)	3 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR4 (/support/support-warranty.asp)	4 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR5 (/support/support-warranty.asp)	5 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-NETENG-HOUR (/support/support-professional.asp)	Network technician hour rate for pre-config services, after hours support, etc.	Contact us (/howtobuy/) for availability and pricing.

Backgrounders

FiberPlex Capabilities Guide (/backgrounders/FiberPlex_Capabilities_Statement.pdf) October 6, 2017

Certifications

Declaration of Conformity - Data Communications Devices (/certifications/00109D1-001P.pdf) July 16, 2018

Declaration of Conformity - Data Communication Devices Models: As per the attached sheet (/certifications/00109D1-001M.pdf) November 11, 2015

Declaration of Conformity - Data Communication Devices: Short Range Modems, Interface Converters, Multiplexer Models (/certifications/02301D1-001H.pdf) February 12, 2015

Data Sheets

Patton Product Life Cycle Color Codes (/datasheet/Life-Cycle-Availability-Codes.pdf) April 24, 2015

Product & Solution Guides

Enterprise Networking Products Guide (/guides/07MENTNET-PG-lo.pdf)

November 10, 2010

Tech Notes

Model 2025 DIP Switch Settings (/technotes/technote_100013.pdf)

June 12, 1997

User Manuals & Configuration Guides

Model 2025 Manual (/manuals/2025.pdf)

January 25, 2008

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- > SIP eSBCs (/session-border-controller/#products)
- > VoIP Appliances (/ip-pbx/#products)
- > SS7 Media Gateways (/ss7-gateway/#products)

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- > IPv6 to IPv4 Network Gateway (/network-gateway/#products)
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Network Access

Connectivity

- > Line Drivers / Short Range Modems (/products/network-connectivity/#11)
- > Fiber Serial DataCom (RS-232/422/530/188C) (/products/network-connectivity/#27)
- > Ethernet Over Fiber (/products/network-connectivity/#23)
- > Multiplexers & Sharing Devices (/products/network-connectivity/#12)
- > Fiber Telecom (T1/E1/PRI, Analog and ISDN) (/products/network-connectivity/#28)
- > Pro AV Live and Media Broadcast Fiber Systems (/products/network-connectivity/#29)
- > SFP (Small Form Pluggable) Modules and Kits (/products/network-connectivity/#30)
- > Fiber Alarming, Notification, Relay and Control

- > Ethernet Extenders (</products/network-connectivity/#24>)
 - > Other Network Extenders (</products/network-connectivity/#13>)
 - > Defense/Security Fiber Communications (</products/network-connectivity/#22>)
 - > Baluns (</products/network-connectivity/#3>)
 - > Surge Protectors & Opto-Isolators (</products/network-connectivity/#15>)
 - > DataTaps, Testers, Adapters, Rack Kits (</products/network-connectivity/#7>)
 - > Interface Converters (</products/network-connectivity/#10>)
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 - > Fiber Repeaters and Wavelength Division Multiplexers (WDM) (</products/network-connectivity/#26>)
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