

Products (/products/) > Connectivity (/products/network-connectivity/) > Interface Converters (/products/network-connectivity/#10) > Terminal/Device/Print Converters & Servers (/products/network-connectivity/#10) > Connect-IT 2026
View Printable (/products/product_detail.asp?id=145&v=print)

Automatically Senses and Selects Parallel/Serial and DCE/DTE Modes

Overview

The Patton Model 2026 & 2027 miniature serial to parallel converters represent a breakthrough in size and performance. Self-contained units, the Model 2026 & 2027 support auto-directional data conversion, serial data rates to 38.4 kbps, and both hardware and X-ON/ X-OFF handshaking. Yet they don't require AC power or batteries for operation!

Incorporating microprocessor technology, the Model 2026 & 2027 automatically orient themselves for serial-to-parallel or parallel-to-serial data conversion. They also sense which connected device is DTE and which is DCE, and orient themselves accordingly. Other parameters- data rate, flow control method (hardware or X-ON/X-OFF), parity and word length-are set by externally accessible DIP switches. A single LED indicator monitors five modes including transmission status. Standard connectors on the Model 2026 and 2027 are shown in the ordering table below. Custom connectors are also available.

Features

- Auto-Directional Data Conversion
- Automatically Selects Parallel-to-Serial or Serial-to-Parallel Operation
- Automatically Selects DCE/DTE Mode
- Supports Both Hardware and X-On/X-Off Flow Control
- Data Rates from 300 to 38,400 bps
- External Configuration Switches
- DB-25 and 36-pin Connector Options
- **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: 300, 600,1200, 2400, 4800, 9600, 19,200, 38,400 bps 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

Connectors: Model 2026 - DB-25 female, 36 pin male or female; Model 2027 - two DB-25 females

Power: No AC power required; uses ultra low power derived from the RS-232 data and control signals

Dimensions: 2.66" x 2.10" x 0.73" (6.8 x 5.3 x 1.9 cm)

Ordering

#	Model #	Description	Availability
1	2026-F	SER TO PAR CONV,DB25F TO CEN M	General Availability
2	2027F-F	SER (F) <=>PAR (F) CONVERTOR	Special Order
3	2027F-M	SER (F) <=> PAR (M) CONVERTOR	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. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. 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. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. 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. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. 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. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing.
SVC-ENHWAR1 (/support/support-warranty.asp)	1 Year Enhanced Warranty	Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing.
SVC-ENHWAR2 (/support/support-warranty.asp)	2 Year Enhanced Warranty	Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing.
SVC-ENHWAR3 (/support/support-warranty.asp)	3 Year Enhanced Warranty	Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing. Contact us (/howtobuy//) for availability and pricing.

SVC-ENHWAR4 (/support/support-warranty.asp)	4 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-ENHWAR5 (/support/support-warranty.asp)	5 Year Enhanced Warranty	Contact us (/howtobuy/) for availability and pricing.
SVC-EXTWAR2 (/support/support-warranty.asp)	2 Year Extended Warranty	Contact us (/howtobuy/) for availability and pricing.
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

User Manuals & Configuration Guides

Company (/company/)

- > Contact Us (/company/contact-us.asp)
- > About Patton (/company/about.asp)
- > Jobs (/company/careers/)
- > Capabilities (/products/special/services.asp)
- > Quality & Responsibility (/company/environment/)
- > Legal (/legal/)

News & Events

- > Press Room/Releases (/press/)
- > Training & Events (/training/)
- > Library/Downloads (/resources/)

Partners & Resources (/partners/)

- > Partner Programs (/partners/)
- > Resources (/resources/)
- > Blog (<https://blog.patton.com>)

Products

(/products/)

Unified Communications

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

Software and Cloud

- > Virtual SBC (/virtual-sbc/#products)
- > Virtual Access Router (/virtual-access-router/#products)
- > VPN Server (/vpn-server/#products)
- > IPv6 to IPv4 Network Gateway (/network-gateway/#products)
- > Intelligent Edge Orchestration (/intelligent-edge-orchestration/#products)
- > NFV & SDN (/nfv/#products)

Network Access

- > Ethernet Extenders (/ethernet-extender/#products)
- > PoE Products (/poe/#products)
- > xDSL Products (/xdsl/#products)

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 (/products/network-connectivity/#24)
- > Other Network Extenders (/products/network-connectivity/#13)
- > Defense/Security Fiber Communications

- > Routers (</products/network-connectivity/#22>)
 - > Dial-Up Access (</dial-up/#products>)
 - > 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>)
 - > Fiber Rack and Enclosure Systems (</products/network-connectivity/#25>)
 - > Fiber Repeaters and Wavelength Division Multiplexers (WDM) (</products/network-connectivity/#26>)
 - > Waveguide RF Filters (</products/network-connectivity/#31>)
- Sunset Products**
(</products/sunset-products.asp>).

Support & Services (</support/>)

- > Support Home (</support/>)
- > Support Portal (</support/#portal>)
- > Premium Support (</support/support.asp>)
- > Software Upgrades (</support/upgrades/>)
- > Warranty Services (</support/support-warranty.asp>)
- > Returns & RMAs (</returns/>)
- > Manuals (</manuals/>)

Special Projects Group (SPG) (</products/special>)

- > SPG Home (</products/special/>)
- > Services & Capabilities (</products/special/services.asp>)
- > Projects (</products/special/projects.asp>)
- > Facilities (</products/special/facilities.asp>)

Need
Help?

Select your country ▼

Sales: sales@patton.com (mailto:sales@patton.com) / +1
301 975 1000

Support: support@patton.com
(mailto:support@patton.com) / +1 301 975 1007

Have Us Contact You

sue.chu@icomtechin or Phone Number

Submit

Copyright © 2001–2020 Patton Electronics Co., All Rights Reserved.

Join Our Email List

sue.chu@icomtechinc.com

Subscribe




Connect With Us



(<https://twitter.com/pattonconnect>)



(<https://www.linkedin.com/company/patton-electronics>)

| [Sitemap \(/company/sitemap.asp\)](/company/sitemap.asp) | [Legal \(/legal/\)](/legal/) | [Privacy Policy \(/legal/privacy.asp\)](/legal/privacy.asp) | [Disclaimer \(/legal/terms-conditions.asp\)](/legal/terms-conditions.asp) |  (<https://twitter.com/pattonconnect>) 
(<https://www.facebook.com/PattonElectronics>) 
(<https://www.youtube.com/user/pattonelectronic sco>) 
(<https://www.linkedin.com/companies/patton-electronics>) 
(</news.rss>)