



# V.35/X.21/RS-530 to HSSI Interface Converter

## Model 2040

*HSSI converter enables V.35 serial devices to access the WAN*

### Bi-Directional Conversion

*From V.35 to HSSI (High Speed Interface)*

### Supports Synchronous Data Rates

*Up to 10 Mbps*

### Transparent to Protocol

*Passes data, control lines, and two loopback modes*

### M/34 and SCSI Connectors

*With integral 6 ft (1.8 m) cable*

### Choose From Three Models

*V.35 to HSSI, X.21 to HSSI, or RS-530 to HSSI*

### Two Versions

*DCE-to-DTE or DTE-to-DCE*

The Patton 2040 Series interface converter allows a switch or router with a HSSI interface (such as the Ascend GRF IP Switch) to connect directly to a CSIU, bridge, router, multiplexer or other device with a V.35, X.21 or RS-530 interface.

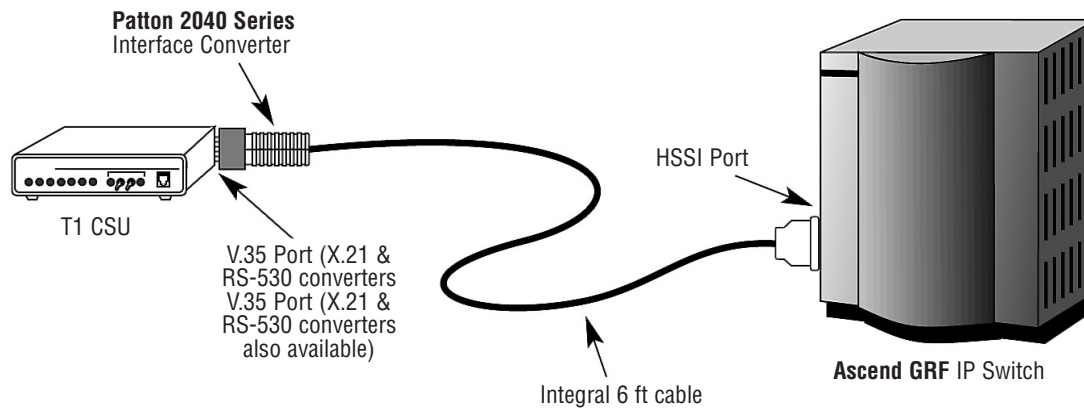
Supporting synchronous data rates up to 10 Mbps, the Patton 2040 Series is transparent to protocol and passes all data signals, all control signals, and all

HSSI clocking paths (except smooth to gapped clock). Both local line and remote line loopbacks are supported.

All three models in the Patton 2040 Series are available in two version: DCE-to-DTE or DTE-to-DCE. The Patton 2040 Series is externally AC powered, and is supplied with an integral 6ft (1.8 m) cable.

For more information, visit us at [www.patton.com](http://www.patton.com).





**Specifications\***

**Data Format**

Synchronous

**Standards**

Converts CCITT V.35, CCITT X.21 or EIA-530 to HSSI (ANSI/TIA/EIA-613, December, 1993 & ANSI/TIA/EIA-613, November, 1993)

**Data Rate**

0 - 10 Mbps

**Clocking**

All clocking modes supported except conversion from smooth to gapped clock

**Loopbacks**

Local line and remote line supported; Local DTE not available

**Interfaces**

V.35, X.21 or RS-530 DTE to HSSI  
DCE; V.35 X.21 or RS-530 DCE to HSSI DTE (see ordering information)

**Connectors**

Male HD/Slimline 50-pin (HSSI); Male M/34 (V.35), Female DB-15 (X.21) or Male DB-25 (RS-530)

**Cable**

6 ft (1.8 m)

**Temperature Range**

32-122°F (0-50°C)

**Altitude**

0-15,000 feet (4.5Km)

**Humidity**

Up to 95% non-condensing

**Power Supply**

External AC transformer, 100-240VAC (Universal Input), IEC-320 connector

**Dimensions**

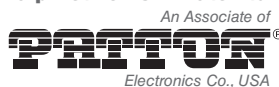
Patton 2040- 4.90" x 2.00" x 0.73" (12.45 cm x 5.08 cm x 1.85 cm);  
Patton 2041 and Patton 2042- 3.40" x 2.00" x 0.73" (8.63 cm x 5.08 cm x 1.85 cm)

\* Specifications subject to change without notice.

**Ordering Information**

- 2040MT-MC/UI** (M/34male, V.35 DTE configuration) to (HD-50 male, HSSIDCE configuration), Universal Input Power Supply (100 - 240VAC)
- 2040MC-MT/UI** (M/34male, V.35 DCE configuration) to (HD-50 male, HSSI DTE configuration), Universal Input Power Supply (100 - 240VAC)
- 2041FT-MC/UI** (DB-15female, X.21 DTE configuration) to (HD-50 male, HSSIDCE configuration), Universal Input Power Supply (100 - 240VAC)
- 2041FC-MT/UI** (DB-15female, X.21 DCE configuration) to (HD-50 male, HSSI DTE configuration), Universal Input Power Supply (100 - 240VAC)
- 2042MT-MC/UI** (DB-25male, RS-530 DTE configuration) to (HD-50 male, HSSIDCE configuration), Universal Input Power Supply (100 - 240VAC)
- 2042MC-MT/UI** (DB-25male, RS-530 DCE configuration) to (HD-50 male, HSSI DTE configuration), Universal Input Power Supply (100 - 240VAC)

**PE-Inalp Networks Private Ltd**



Old No. 14 and New No.6,  
Brahadambal Road,  
Nungambakkam High Road  
Chennai: 600 034, India  
Phone **+91 44 45490395/6/7**  
Fax **+91 44 4549.0394**  
Email **sales@patton.co.in**  
Web **www.patton.co.in**

**Patton-Inalp Networks AG**



Meriedweg 7  
CH-3172 Niederwangen  
Switzerland  
Phone **+41 (31) 985 25 25**  
Fax **+41 (31) 985 25 26**  
E-mail **sales@inalp.com**  
Web **www.inalp.com**

**Patton Electronics Co.**



7622 Rickenbacker Drive  
Gaithersburg, Maryland 20879  
USA  
Phone **+1 301 975 1000**  
Fax **+1 301 869 9293**  
E-mail **sales@patton.com**  
Web **www.patton.com**

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