

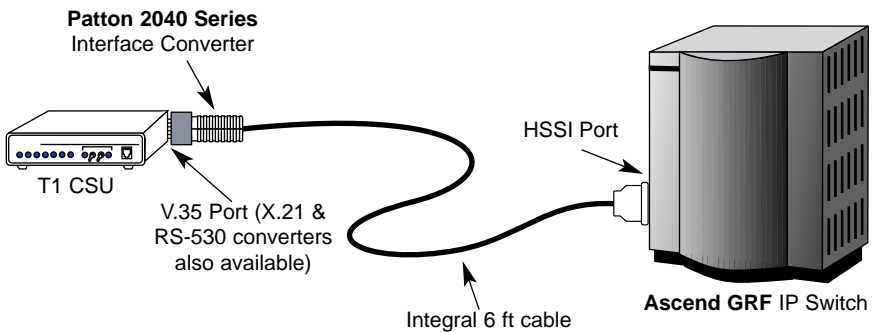
V.35/X.21/RS-530 to HSSI Interface Converter



The Patton 2040 Series

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 CSU, 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 versions: 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.



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FEATURES

- ◇ Bi-Directional HSSI (High Speed Serial Interface) Conversion
- ◇ Three Models to Choose From:
 - Patton 2040 - **V.35** to HSSI
 - Patton 2041 - **X.21** to HSSI (pictured)
 - Patton 2042 - **RS-530** to HSSI
- ◇ Supports Synchronous Data Rates up to **10 Mbps**
- ◇ Transparent to Protocol—Passes Data, Control Lines and Two Loopback Modes
- ◇ Integral 6 ft (1.8 m) Cable
- ◇ Two Versions: DCE-to-DTE and DTE-to-DCE
- ◇ External AC Power Supply

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)

ORDERING INFO

Patton 2040 Series

V.35/X.21/RS-530-to-HSSI Converters

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

PATTON
Electronics Co.

7622 Rickenbacker Dr., Gaithersburg, MD 20879

Phone: (301) 975-1000 • Fax: (301) 869-9293 • E-mail: sales@patton.com • WWW: <http://www.patton.com>