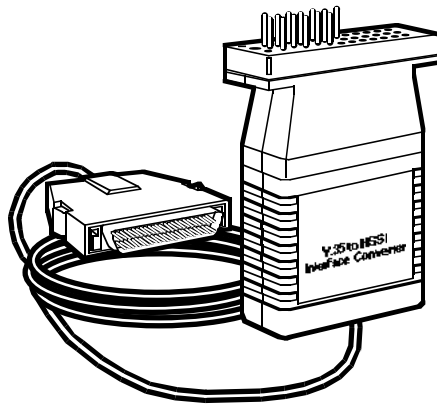


V.35 ↔ HSSI INTERFACE CONVERTER



Convert V.35 to High-Speed Serial Interface (HSSI) at speeds up to 10 Mbps.

Key Features

- ▶ **Transparent to protocol—passes data, control lines, and two loopback modes.**
- ▶ **Built-in 6-ft. cable.**
- ▶ **Externally AC powered.**

This V.35 ↔ HSSI Interface Converter allows HSSI (High-Speed Serial Interface) devices to communicate bi-directionally with V.35 devices at speeds up to 10 Mbps. This Converter supports all HSSI co-directional timing patterns, two loopback modes (local line and remote line), plus data and control signals.

Two versions of the Interface Converter are available. The IC945A lets a V.35 DCE device communicate with a HSSI DTE device. The IC946A lets a V.35 DTE device communicate with a HSSI DCE device.

Both versions are equipped with a male M/34 connector on

the converter end, and a male HD50 on the end of a 1.8-m (6-foot) cable. Power is supplied by an external AC power supply.

Specifications

Data Rate — Up to 10 Mbps

Protocol — Synchronous

Clocking — All modes supported except conversion from smooth to gapped clock

Loopbacks — Local and remote; Local DTE not available

Cable — 1.8 m (6 ft.)

Interfaces — V.35 DTE to HSSI DCE, or V.35 DCE to HSSI DTE

Connectors — HD50 Slimline M; M/34 M

Temperature Range — 0 to 50° C

Maximum Altitude — Up to 15,000 ft. (4572 m)

Humidity — 5 to 95%, noncondensing

Power Supply — 100–240 VAC autosensing external power supply

Connector Size —
V.35: 2H x 5.1W x 9.7 Dcm (0.8"H x 2"W x 3.8"D);
HSSI: 1H x 4.8W x 5.1D cm (0.4"H x 1.9"W x 2"D)

Ordering Information

ITEM	CODE
V.35 ↔ HSSI Interface Converter	
<i>Connects</i>	
M/34 DCE to HD50 DTE	IC945A
M/34 DTE to HD50 DCE	IC946A