



## APPLICATION

The CIC-35 Interface Converter provides the interface between DVB-ASI and LVDS data for use with the CDM-600/600L Modems.

## FEATURES

For convenience, the CIC-35 attaches directly to the modem using the 25 D subminiature data connectors to the modem. Additional features of the CIC-35 include:

- Full Duplex capability
- Typical Cable Length to 150 meters (Belden 8281)
- Additional IBS / IDR overhead available (requires modem option)

## OPERATION

The CIC-35 converter attaches to the rear of the modem. No external power is required. The modem is programmed for data rates between 1 to 20 Mbps with the modem interface type set to LVDS.

## INTERFACE SPECIFICATIONS

Type	DVB-ASI interface converter per EN 50083-9 plus 25-pin D connector for optional IBS / IDR overhead (modem option)
Operating Modes	Full duplex
Data Rate	1 to 20 Mbps, symmetric only
ASI Connector	BNC-F
Cable Length	150 meters, typical (Belden 8281)
Tx / Rx Impedance	75 Ohms 15 dB return Loss, 5 to 270 MHz
Frame Type	188 byte MPEG-2 Transport per DVB-ASI, continuous stream
Voltage Levels	Unbalanced 800 mv pp typical
Overhead Connector	25 pin D male
Power Supply	2.8W maximum, power from modem +12 Vdc at 230 mA maximum (fused)
Dimensions	1.6 H x 2.5 W x 4.7 L inches 4.1 H x 6.4 x 11.9 centimeters
Approvals (Planned)	EN 55022 Class B Emissions EN 50082-1 (Immunity) EN 60950 (Safety) FCC Part 15 Class B
Weight	0.4 lb 0.2 kg
Temperature	0 to 50° C



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