



### APPLICATION

The CIC-30 Interface Converter provides the interface between 422 and ASI data for use with the CDM-550 modem.

### FEATURES

For convenience, the CIC-30 may be attached directly to the modem using the 25 D subminiature data connector, or through a short data cable to the modem. Additional features of the CIC-30 include:

- Full Duplex capability
- 188 Byte data frame
- 270Mbit/s transport rate for all data rates
- Line build out to a maximum of 200 feet

### OPERATION

The CIC-30 converter attaches to the rear of the modem. No external power is required. The modem may be set for data rates between 100kbps to 2048 kbps with an interface type of EIA-422.

Transmit clocking set to EXT allows the interface converter to recover the byte clock and data on the transmit ASI signal and reformats this to serial data and clock using RS-422 format.

The CIC-30 may be used with the CRS-200 switch by attaching the converter through a short data cable to the user port of the traffic modem interface.

### INTERFACE SPECIFICATIONS

Type	ASI Interface Converter
Operating Modes	ASI
Operating level	800mV +/- 10%
Connectors	BNC (F), 75 ohm
Data Interface	EIA-422, 25 pin D
Power Supply	2.4 Watts maximum, power from modem +12 volts DC -12 volts DC
Dimensions	1.125H x 2.5W x 4L inches 2.858 x 10.16 x 6.35 x centimeters
Weight	1 lb 0.4535 kg



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