



### APPLICATION

The CIC-20 Interface Converter provides the interface between HSSI and LVDS data for use with the CDM-600 Modem.

### FEATURES

For convenience, the CIC-20 may be attached directly to the modem using the 25 D subminiature data connectors, or through short data cables to the modem. Additional features of the CIC-20 include:

- Full Duplex capability
- Ext. Tx IF Mute Control
- Line build out to a maximum of 50 feet

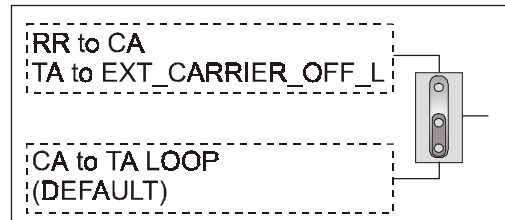
### OPERATION

The CIC-20 converter attaches to the rear of the modem. No external power is required. The modem may be set for data rates between 64 kbps to 20 Mbps with an interface type of LVDS.

### INTERFACE SPECIFICATIONS

Type	HSSI Interface Converter
Operating Modes	HSSI
Signals Supported	RT,RD,ST,TT,SD,TA,CA,CD
Connector	50-pin mini-D (F) per EIA-613
Electrical	Per EIA-612 (10KH ECL)
Typical Voltage Levels	Differential voltage: $\geq 590\text{mV}$ , $110\Omega$ load Input voltage range: $-0.5$ to $-2.0\text{V}$
Data Interface	EIA-422, 25 pin D
Power Supply	2.4 Watts maximum, power from modem $+12\text{ Vdc}$ $-12\text{ Vdc}$
Dimensions	1.25H x 2.5W x 3.74L inches 3.81H x 6.35 x 9.5 centimeters
Weight	1 lb 0.4535 kg

### JUMPER SELECTIONS



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