

WaveWare Technologies, Inc.

Short Haul Modem - Serial Line Extender Kit

P/N 0100-2320, includes two IC-150 units



The IC-150 Short Haul Modem allows you to connect the RS-232 ports of two remote devices for fast and easy file transfers and data sharing. Save on the cost of extra modems by installing a pair of these economical units and connecting them up with twisted pair cable. Transfers can take place over distances of up to 10km using either 4 wire (for Full Duplex) or 2 wire (for Simplex) telephone line.

The non-powered Line Driver facilitates efficient transmission and reception of serial data without requiring an external power source. The unit drives your data at various speeds up to 19,200 bps over distances up to 0.5 miles using 24-gauge wire (transmitting at 110 bps over distances up to 6.3 miles).

This compact unit plug directly into the back of your asynchronous terminal, which saves the space that a stand alone unit would use, and also eliminates the bulk and cost of a RS-232 interface (which must have a + 12V DC source) and therefore requires no separate outlet or power supply. It provides 1,500VAC lightning surge protection and excellent noise rejection through the use of differential circuitry. The unit is switch-selectable for DCE/DTE. The Line Driver provides asynchronous transmission and operates full-duplex over four wires. At slower speeds, the distance increases. Transmission performance may vary depending on operating conditions and wire gauge.

Features

- ▶ No External Power Required
- ▶ DCE/DTE Switch Selectable
- ▶ Long Distance Transfer Via Economical TP Cable
- ▶ Full Duplex/Simplex Switch Selectable
- ▶ Analog Loop Back
- ▶ Compact Size

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