

# Short-Haul Modem Kit

## Serial Line Extender Kit



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P/N= 0100-2320

### 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
- DB-25 to DB-9 Adaptors (Supplied)
- Requires: 2 or 4 Line Wires between Modems **(Not Supplied)**

### Information:

- The IC-485SN 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 19200 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 Plugs 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 1500v AC Lighting 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.