Serial ⇔ Parallel Converter

Switch select Serial port as DTE or DCE

ALFATRON

Features

- Microprocessor design allows the A510 to work with parallel data at any speed
- Uses the Robust form of Xon/Xoff handshaking
- Connects parallel printers to UNIX systems
- Transmit and Receive data LEDs show data activity
- Error LEDs help detect configuration problems
- May be powered directly from pin-18 of the parallel connector of a printer or other device
- RS-232 Serial Port is switch selectable to either DTE or DCE to simplify cabling
- Switch configurations are shown on the bottom of each unit for easy installation
- RS-422 Serial Port available as an option
- Very LOW COST - Very BIG FEATURES
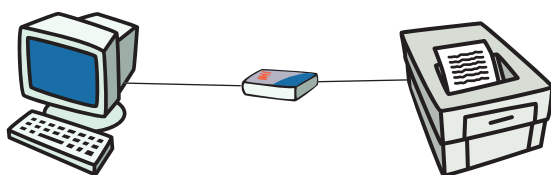

ASeries A510

Description

The ASeries A510 is an RS-232 Serial to Centronics Parallel or Centronics Parallel to RS-232 Serial interface converter. Its superior design allows it to operate with the fastest of computers on the parallel side and with devices at up to 38,400bps on the serial side.

The RS-232 configuration options include the selection of Software handshaking using Robust Xon/Xoff or Hardware handshaking using the DSR/DTR handshake pairs.

The A510 is housed in a quality slim line metal case and uses female connectors at each end for convenient connection to all types of equipment.

Typical Application

A fast serial device, for example a PC, outputs its data from the parallel port to a serial printer operating at only 9600bps. The A510 takes care of the parallel connection to the fast PC and sends data at the required rate to the printer, ensuring that no data is lost in the process.

Special Test Feature

A built-in Character Generation Function which outputs a continuous stream of printable ASCII characters. The output may be directed to either Serial or Parallel port.

This feature is particularly useful for testing a cable or a printer for correct operation. It has become a common item in the repair kit of many technicians.

Specifications - ASeries A510

RS-232 Port:	RS-232D Standard
	Full duplex communication
	300, 600, 1200, 2400, 4800, 9600, 19200 and 38400 bits per second
	7 or 8 Data Bits
	None, Odd or Even Parity
	1 or 2 Stop Bits
	Software H'shake - Robust Xon/Xoff
	Hardware H'shake - DTR/DSR
	DB-25 female connector
	Switch selectable DTE or DCE
Buffer:	60 byte flow control receive buffer
LED Indicators:	Power On (Yellow)
	Receive Data (Green)
	Transmit Data (Green)
	Data Error (Red)
Power Supply:	9V (200mA) DC Power Adaptor
Dimensions:	24mm x 73mm x 115mm
Weight:	245 grams

All Specifications subject to change without notice

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