

RS232 TO 422 CONVERTER



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FEATURES

- Opto isolation at receiving end
- Individual Reset facility(RS422 compatible)
- Supports upto 19.2K-baud rate

SPECIFICATIONS

Input port

- Connector type DB9
- Interface RS-232C compatible
- RS-422 Signal line: TxD, RxD, and GND

Output port

- Connector type DB9
- Interface RS-232C compatible
- RS-422 Signal line: TxD+, TxD-, RxD+, RxD-, RESET+, and RESET

ENVIRONMENT

Operating temperature: -20°C to +85°C

DESCRIPTION

This RS-232 to RS422 converter converts unbalanced RS-232 signals to balanced RS-422 signals. The RS-422 Standard uses a balanced voltage digital interface to allow communications of 90K bits per second on cable lengths of 4000 feet.

The RS-232 port uses a male DB25 type of connector with pins 2 (TD input) and 3(RD output) supported (pin 1) and signal Ground (pin 7) are also connected. The RS-422 port uses a female DB-25 type of connector with the send Data outputs on pins 2 and 14, and the Receive Data inputs on pins 5 and 17. Protective Ground (pin 1) and Signal Ground (pin 7) are connected through to the RS-232 connector.

Power for the RS-232 side is derived from the RS-232 equipment connected to it. This model will derive the necessary power from the incoming data or any one of the control signals: RTS, CTS, DSR, DCD, or DTR

* Note : Specifications are subject to change without notice