



## RS422 to RS232 Converter



### FEATURES

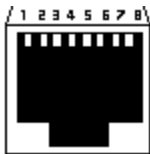
- Converts RS422 to RS232
- Bi-directional
- EIA-TIA 561 pinout for RS232
- Compact size: 1 3/4" x 1"
- Line Powered or DC adapter powered
- High Temperature Option

Typical Application from PC 9-pin RS232 to an RS422 terminal, showing pinouts: Note that control leads are not passed through or converted.

9-Pin Serial Port	RS232 end of converter	RS422 end of converter
4 DTR OUT	1 +6 to +12Volts DC required from RS232 device or DC adapter	1 not used
	2 not used	2 not used
	3 not used	3 Data OUT -
5 Signal Ground	4 Signal Ground	4 Data IN +
3 Tx Data OUT	5 Data IN	5 Data IN -
2 Rx Data IN	6 Data OUT	6 Data OUT +
	7 not used	7 not used
	8 not used	8 not used

Note that the RS422 leads are balanced, with 2 output wires (pin 3 is -, pin 6 is +), and 2 input wires (pin 4 is +, pin 5 is -).

On the interface converter, the label reads "RS232 to RS422". The end labeled "RS232" is electrically RS232. The end labeled "RS422" is electrically RS422.



RJ45 Pinouts:

### DESCRIPTION

The DCB RS422 to RS232 interface converter is just 1 3/4" long and 1" in diameter. It is a line powered unit, powered by +7 to +12 Volts DC on pin 1. A second version is powered by an external DC wall mount adapter.

The high temperature model operates on line power as low as 3.3 volts on pin 1. This is ideal for notebook computer applications.

While designed for use with the DCB SR multiplexers, it is suitable for converting RS422 to RS232 with any manufacturers equipment. The DCB converter requires plus DC voltage on RS232 pin one, or requires the external adapter to power the circuit. The unit will convert RS232 to RS422, RS530, and V.35 (transmit and receive data only).

### SPECIFICATIONS

Connectors, 2 RJ-45 modular 8-conductor jacks  
1 3/4" long, 1" diameter

#### How to Order

Part #	Description	Price
9802034	Line Powered Converter, 0 to +70 C	\$39
9802059	Line Powered Converter, Temperature Rated -40 C to +85 C	\$54
9802044	110 Volt power adapter, 0 to +70 C	\$59
9802045	220 Volt power adapter, 0 to +70 C	\$59
9802057	110 Volt power adapter, Temperature Rated -40 C to +85 C	\$74
9802058	220 Volt power adapter, Temperature Rated -40 C to +85 C	\$74



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