

## RS232 Isolator, 8-Wire

Part no.: UT-2112



- Full 8-wire protection
- Industrial grade
- Baud rates of up to 115200bps
- Protection up to 2500 Vrms/500VDC/15KV
- Externally powered
- LED indication lights

Effective protection against all high-voltage spikes, surges and ground-loops is provided by this RS232 Isolator for all 8 communications lines. It effectively protects against equipment damage and data loss for up to 2500 Vrms, continuous 500VDC and static electrical protection for up to 15KV.

To provide full optical protection between your serial interfaces this isolator must be powered by the included external 9V power supply.

Due to its external power supply and unique design this optical RS232 isolator is capable of speeds of up to 115200bps.

LED indication lights for TX and RX makes it easy to check if communication is present, and helps troubleshooting.

The standard DB9 connectors make it easy to connect this isolator between your serial device and your equipment for effective protection of your equipment and data.

Two 4-foot M/F Serial cables and one 110VAC/9VDC wall power adapter is included with each unit.

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### PRODUCTS

Large selection of Serial RS232, RS485 and RS422 converters, USB to Serial adapters, Isolators, Ethernet to Serial converters, Serial Repeaters, Wireless Serial modules, Serial Bluetooth adapters and Serial Port Cards.

### TECHNICAL SUPPORT

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- Latest drivers and updates
- Technical tips
- Documentation
- Configuration support
- and much more...

Feel free to contact our technical support team at [mail@usconverters.com](mailto:mail@usconverters.com)





## Specifications

SPECIFICATIONS	
Model number	UT2112
Lines protected	DCD, TXD, RXD, DTR, GND, DSR, RTS, CTS
Baud rate	300 - 115200bps
Power	External 9 - 18 VDC
Opto-couplers	6N137
Interfaces	DB9 female/male connectors
Optical isolation	2500Vrms / 500VDC
ESD protection	15KV
Working mode	Asynchronous, full transparent
Standards	EIA/TIA RS-232C / RS232
Operating Temp.	-40°C to 85°C
Operating humidity	5% To 95% - No Condensation
Dimensions	113mm x 55mm x 33 mm
Warranty	2-year Limited Warranty

### Connection tables

DB9 Female (PC)	RS232 (DTE end)
1	
2	TXD
3	RXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

DB9 Male (Device)	RS232 (DCE end)
1	
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

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