

# Delock Adapter USB 2.0 Type-A to Serial RS-232 D-Sub 9 pin 2.5 kV Galvanic Isolation 2 m

## Description

This USB Type-A to serial RS-232 adapter by Delock provides a compatible RS-232 DB9 interface for printers, measuring instruments, controllers, IoT devices etc.

## Galvanic isolation

The USB 2.0 to serial RS-232 adapter completely decouples the USB and RS-232 connection and the USB power supply. This ensures data transmission at different ground potentials, separates any ground and hum loops that occur, and prevents interruptions caused by electromagnetic discharges or over voltages.

## Ferrite cores

Two ferrite cores on the USB 2.0 cable filter high-frequency interference signals.



2 m

**Item no. 64154**

EAN: 4043619641543

Country of origin: Taiwan,  
Republic of China

Package: White Box

## Technical details

- Connectors:
  - 1 x USB 2.0 Type-A male
  - 1 x serial RS-232 DB9 male with nuts
- 2.5 kV VRMS (max. 3.5 kV) galvanic isolation
- USB bus powered
- Chipset: FTDI FT231XS
- Compatible with USB 3.0, USB 2.0, and USB 1.1
- Data transfer rate up to 921.6 Kbps
- FIFO: 512 Byte - RX
- FIFO: 512 Byte - TX
- Databits: 7, 8
- Stop bits: 1, 2
- Parity: even, odd, none, mark, space
- Signals: TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND
- 2 x ferrite core
  - Impedance: 25 MHz / 60 Ω, 100 MHz / 111 Ω

- 3 x LED indicator
- Housing: plastic
- Operating temperature: -40 °C ~ 85 °C
- Cable length without connectors: ca. 2 m

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## System requirements

- Linux Kernel 3.3 or above
- Mac OS 12.4 or above
- Windows 8.1/8.1-64/10/10-64/11
- PC or laptop with a free USB Type-A port

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## Package content

- USB 2.0 to 1 x serial adapter
- Driver CD
- User manual

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## Images



## General

|                             |   |
|-----------------------------|---|
| Function:                   | Plug & Play   |
| Specification:              | RS-232 (EIA / TIA)<br>USB 2.0   |
| Supported operating system: | Linux Kernel 3.3 or above<br>Windows 10 32-Bit<br>Windows 10 64-Bit<br>Windows 8.1 32-Bit<br>Windows 8.1 64-Bit<br>Windows 11<br>Mac OS 12.4 oder höher |
| LED indicator:              | 3 x PWR / RXD / TXD   |
| Protection:                 | ESD (Electrostatic Discharge)<br>Galvanische Trennung   |

## Interface

|              |                                   |
|--------------|-----------------------------------|
| Connector 1: | 1 x USB 2.0 Type-A male           |
| Connector 2: | 1 x serial Sub-D 9 male with nuts |

## Technical characteristics

|                      |  |
|----------------------|--|
| Chipset:             | FTDI FT231XS   |
| Data transfer rate:  | 921,6 Kbps   |
| FIFO:                | 2 x 512 Byte   |
| Converter type:      | active   |
| Signal transmission: | TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND                   |
| Data transmission:   | asynchronous<br>Bi-directional<br>Half duplex<br>full duplex |
| Voltage:             | USB bus powered  |
| UART:                | USB to serial UART   |

## Physical characteristics

|                  |             |
|------------------|-------------|
| Connector color: | black       |
| Ferrite core:    | 2 x         |
| Cable colour:    | black       |
| Cable length:    | 2 m         |
| Pin finishing:   | gold-plated |
| Screw type:      | #4-40 UNC   |
| LED colour:      | red         |