

# 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

## Specification

- 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) USB 2.0
Supported operating system:	Linux Kernel 3.3 or above Windows 10 32-bit Windows 10 64-bit Windows 8.1 32-bit Windows 8.1 64-bit Windows 11 Mac OS 12.4 oder höher
LED indicator:	3 x PWR / RXD / TXD
Protection:	ESD (Electrostatic Discharge) 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
Shielding:	shielded
Signal transmission:	TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND
Data transmission:	asynchronous Bi-directional Half duplex full duplex
Voltage:	USB bus powered

UART:	USB to serial UART
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### 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