

# Delock Adapter Cable USB 2.0 Type-A to Serial RS-485 with 3 x open wire ends 0.5 m

## Description

The RS-485 adapter cable by Delock supports data transmission between devices with USB 2.0 and devices with RS-485 interfaces. The RS-485 connections of the adapter are suitable for smart meters, PV inverters, measuring devices, etc.

## Open wire ends

With the tinned open wire ends, the connection can be made directly to an RS-485 device port.



0,5 m

**Item no. 64242**

EAN: 4043619642427

Country of origin: China

Package: Zip poly bag

## Technical details

- Connectors:
  - 1 x USB Type-A male
  - 1 x Serial RS-485 3 x open wire ends (tinned)
- Chipset: FTDI FT232R
- Compatible to UHCI / OHCI / EHCI controller
- Data transfer rate up to 921.6 Kbps
- Pin assignment: T/R (A+) red, T/R (B-) white, GND green
- Cable diameter: ca. 5 mm
- Conductor: stranded copper wire
- Insulator: PVC
- Cable length incl. connectors: ca. 0.5 m
- Colour: black

## System requirements

- Linux Kernel 5.19 or above
- Windows 10/10-64/11

- PC or laptop with a free USB Type-A port
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## Package content

- USB Type-A to RS-485 adapter
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## Images



## General

|                             |   |
|-----------------------------|---|
| Function:                   | Plug & Play   |
| Specification:              | RS-485<br>USB 2.0   |
| Supported operating system: | Linux Kernel 2.6 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 Server 2012 R2<br>Windows Server 2016<br>Windows Server 2019<br>Mac OS 11.1 or above<br>Windows 11 |
| Protection:                 | ESD (Electrostatic Discharge)   |

## Interface

|              |                             |
|--------------|-----------------------------|
| Connector 1: | 1 x USB Type-A male         |
| Connector 2: | RS-485 3 x open tinned wire |

## Technical characteristics

|                      |   |
|----------------------|---|
| Chipset:             | FTDI FT232RL  |
| Data transfer rate:  | up to 921.6 Kbps  |
| FIFO:                | 1 x 128 byte receive<br>1 x 256 byte transmit                 |
| Signal transmission: | T/R+, T/R-, GND   |
| Data transmission:   | Half duplex<br>asynchronous<br>Bi-directional<br>differential |
| UART:                | USB to serial UART  |
| Support:             | Modbus  |

## Physical characteristics

|                               |                                     |
|-------------------------------|-------------------------------------|
| Housing colour:               | black                               |
| Cable type:                   | AWM STYLE 2464 24AWG 80°C 300V VW-1 |
| Cable colour:                 | black                               |
| Cable length incl. connector: | 50 cm                               |
| Shielding:                    | Aluminum foil                       |