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StarTech com RS232 FTDI USB A to 2 Port Serial Adapter Cable

# StarTech com RS232 DB9 FTDI USB A to 2 Port Serial Adapter Cable User Guide

**Contents**

StarTech.com

**StarTech com RS232 DB9 FTDI USB A to 2 Port Serial Adapter Cable**

**Specifications:**

- Product Name: 6ft (2m) FTDI USB-A to 2-Port RS232 DB9 Serial Adapter Cable – M/M
- Product ID: 2P6FFC-USB-SERIAL 23
- Components: 1 Serial Port DB9, 2 DB9 Screws, 3 LED Indicators, 4 USB Type A Port
- Function: Connects devices with RS-232 serial ports to a computer via USB for data transfer
- Requirements: Latest drivers/software available at **www.StarTech.com/2P6FFC-USB-SERIAL**

**Installation:**

1. (Optional) Mount the USB Serial Adapter:
     - Determine the Mounting Surface and placement for the USB Serial Adapter.
     - Mount the included Mounting Bracket to the desired surface using the appropriate Mounting Hardware.
     - Press the USB Serial Adapter firmly into the Mounting Bracket until it clicks into place.
2. Install the Driver and Adapter:
     - **Windows:**
          1. Extract and run the Setup file from the downloaded Driver Package.
          2. Connect the USB to Serial Adapter to an available USB-A port.
     - **macOS:**
          1. Run the Installer file for your macOS Version.
          2. Connect the USB to Serial Adapter to an available USB-A port.

**Verify Driver Installation:**

- **Windows:**
  1. Navigate to Device Manager.
  2. Under Ports (COM & LPT), confirm Driver installation.
- **macOS:**
  1. Navigate to System Information.
  2. Confirm COM Port appears in the list under Hardware > USB.

**Regulatory Compliance:**

- FCC – Part 15
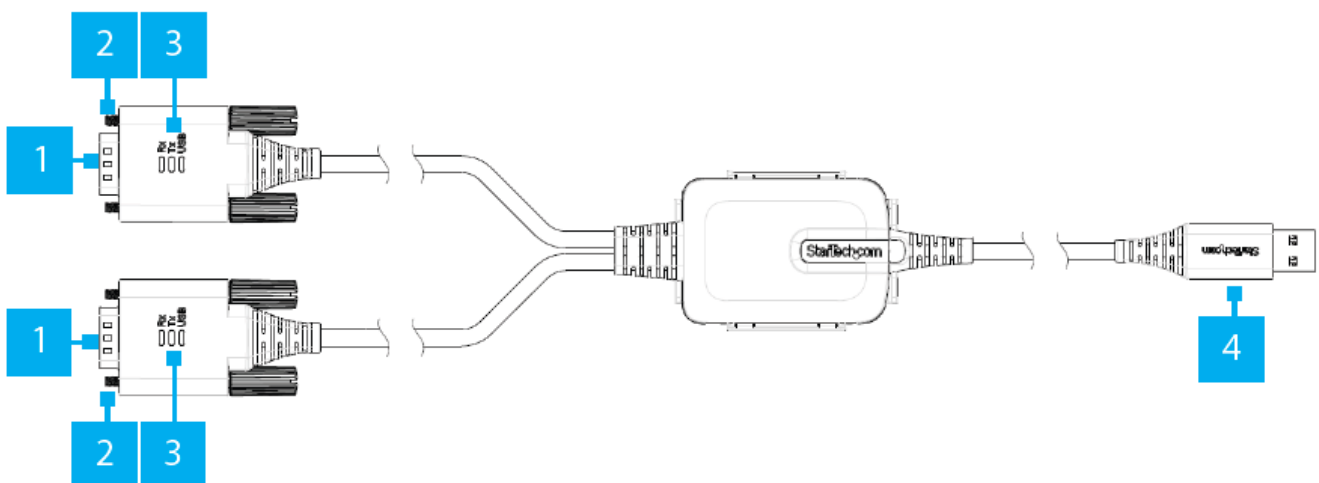- Industry Canada Statement

**Warranty Information:**

This product is backed by a two-year warranty. For warranty terms and conditions, visit **www.startech.com/warranty**.

**FAQ:**

- Q: What should I do if the drivers do not install automatically?

  A: You can manually download and install the drivers from **www.StarTech.com/2P6FFC-USB-SERIAL**. Follow the instructions provided in the manual for driver installation.
- Q: How do I confirm that the driver is installed correctly?

  A: For Windows, navigate to Device Manager and check under Ports (COM & LPT). For macOS, go to System Information and verify the presence of COM Port under Hardware > USB.
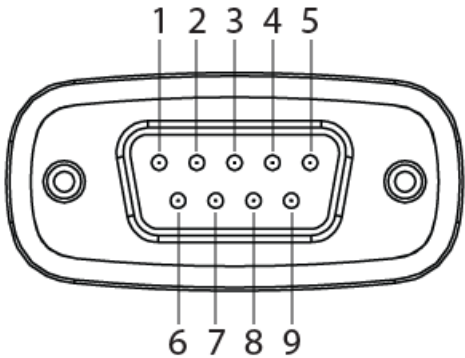
## Product ID

2P6FFC-USB-SERIAL

| | Component | Function |
|---|---|---|
| **1** | Serial Port DB9 | • Connect to a **Serial Peripheral Device** |
| **2** | DB9 Screws | • Used to secure the **Serial DB9 Port** to the **Serial Peripheral Device** <br><br> • The included **DB9 Nuts** can be installed for compatibility with **Serial Peripheral Devices** or **Cables** |
| **3** | LED Indicators | • **Data Receive LED:** Flashes **Green** to indicate activity <br><br> • **Data Transmit LED:** Flashes **Yellow** to indicate activity <br><br> • **USB LED:** Solid **Blue** to indicate the driver has been installed, and the USB connection enumerated |
| **4** | USB Type A Port | • Connect the **USB to Serial Adapter** to an available <br><br> **USB-A Port** |

**Pinout Diagram**



| Pin | RS-232 |
|---|---|
| 1 | DCD |
| 2 | RXD |
| 3 | TXD |
| 4 | DTR |
| 5 | GND |
| 6 | DSR |
| 7 | RTS |
| 8 | CTS |
| 9 | RI |

**Package Contents**

- 2-Port USB to Serial Adapter x 1
- Mounting Bracket x 1
- DB9 Nuts x 4
- Quick-Start Guide x 1

**Requirements**

USB Type-A Enabled Computer x 1
For the latest drivers/software, product information, technical specifications, and declarations of conformance, please visit: www.StarTech.com/2P6FFC-USB-SERIAL

## Installation

(Optional) Mount the USB Serial Adapter
**Note**: Before mounting the USB Serial Adapter make sure that the surface you are mounting to is strong enough to support the weight of the USB Serial Adapter.

1. Determine the Mounting Surface and placement for the USB Serial Adapter.
2. Mount the included Mounting Bracket to the desired Mounting Surface using the appropriate Mounting

   Hardware (e.g., wood screws) through the two Mounting Bracket Holes.

   **Note**: The Mounting Bracket is designed to fit M4 Flat Head Screws
3. Press the USB Serial Adapter firmly into the Mounting Bracket until it clicks into place.

To view manuals, FAQs, videos, drivers, downloads, technical drawings, and more, visit
**www.startech.com/support**.

**Install the Driver and Adapter**

**Note**: Drivers should install automatically in most supported operating systems. If they do not, please complete the following steps:

1. Navigate to: www.StarTech.com/2P6FFC-USB-SERIAL
2. Click the Drivers/Downloads tab.
3. Under Driver(s), download the appropriate Driver Package for your operating system.

**Windows**

1. Right-click the downloaded file and extract the contents with Extract All.
2. Browse the Windows folder and run the Setup file.
3. Follow the on-screen instructions to complete the installation.
4. Connect the USB to Serial Adapter to an available USB-A port.

**macOS**

1. Double-click the downloaded file.
2. Open the folder that matches your macOS Version and run the Installer file inside the folder.
3. Follow the on-screen instructions to complete the installation.

4. Connect the USB to Serial Adapter to an available USB-A port

## Verify Driver Installation

### Windows

1. Navigate to the Device Manager.
2. Under Ports (COM & LPT), right-click COM Port and click Properties.
3. Confirm that the Driver is installed and working as expected.

### macOS

1. Navigate to System Information.
2. Expand the Hardware section and click USB.
3. Confirm that COM Port appears in the list.

## Regulatory Compliance

### FCC – Part 15
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used by the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
This device may not cause harmful interference, and this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

### Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

## Warranty Information

This product is backed by a two-year warranty. For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

### Limitation of Liability
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## Documents / Resources

| | |
|---|---|
| | **StarTech com RS232 DB9 FTDI USB A to 2 Port Serial Adapter Cable** [pdf] User Guide RS232 DB9 FTDI USB A to 2 Port Serial Adapter Cable, RS232 DB9, FTDI USB A to 2 Port Serial Adapter Cable, A to 2 Port Serial Adapter Cable, Port Serial Adapter Cable, Adapter Cable, Cable |

## References

- 🟡 **13ft 2-Port USB to RS232 Serial Adapter - Serial Cards & Adapters | Add-on Cards & Peripherals | StarTech.com**
- **User Manual**