

StarTech 1P3FFCNB-USB-SERIAL USB to Null Modem Serial Adapter Cable



# StarTech 1P3FFCNB-USB-SERIAL USB to Null Modem Serial Adapter Cable User Guide

[Home](#) » [StarTech](#) » StarTech 1P3FFCNB-USB-SERIAL USB to Null Modem Serial Adapter Cable User Guide 

## Contents

- [1 StarTech 1P3FFCNB-USB-SERIAL USB to Null Modem Serial Adapter Cable](#)
- [2 OVERVIEW](#)
- [3 Pinout Diagram](#)
- [4 Package Contents](#)
- [5 Requirements](#)
- [6 Installation](#)
- [7 Windows](#)
- [8 Verify Driver Installation](#)
- [9 Regulatory Compliance](#)
- [10 Documents / Resources](#)
  - [10.1 References](#)

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StarTech 1P3FFCNB-USB-SERIAL USB to Null Modem Serial Adapter Cable



## Specifications

- Product ID: 1P3FFCNB-USB-SERIAL, 1P10FFCN-USB-SERIAL
- Package Contents:
  - 1 x Serial Port DB9
  - 2 x DB9 Screws
  - 3 x LED Indicators
  - 1 x USB Type A Port
- Function: USB-A to RS232 DB9 Null Modem Serial Adapter Cable -M/F
- Pinout Diagram:

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

## Installation

Install the Driver and Adapter

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

### Windows

1. Navigate to the following link:
  - [www.StarTech.com/1P3FFCNB-USB-SERIAL](http://www.StarTech.com/1P3FFCNB-USB-SERIAL)
  - [www.StarTech.com/1P10FFCN-USB-SERIAL](http://www.StarTech.com/1P10FFCN-USB-SERIAL)

### 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
- Industry Canada Statement

## 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](http://www.startech.com/warranty).

## Contact Information

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## FAQ

**Q:** Where can I find manuals, FAQs, videos, drivers, downloads, and technical drawings?

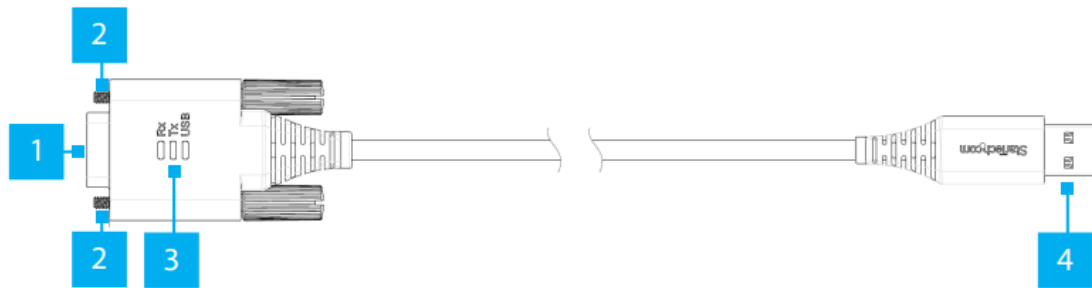
**A:** You can find all these resources on the StarTech.com support website at [www.startech.com/support](http://www.startech.com/support).

FTDI USB-A to RS232 DB9 Null Modem Serial Adapter Cable – M/F

## Product ID

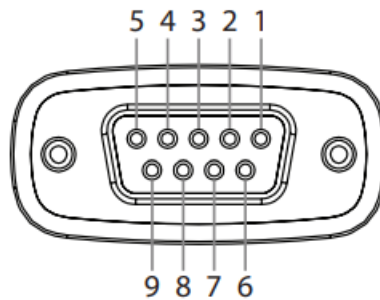
1P3FFCNB-USB-SERIAL  
1P10FFCN-USB-SERIAL

## OVERVIEW



	Component	Function
1	Serial Port DB9	<ul style="list-style-type: none"> <li>Connect to a <b>Serial Peripheral Device</b></li> </ul>
2	DB9 Screws	<ul style="list-style-type: none"> <li>Used to secure the <b>Serial DB9 Port</b> to the <b>Serial Peripheral Device</b></li> <li>The included <b>DB9 Nuts</b> can be installed for compatibility with <b>Serial Peripheral Devices</b> or <b>Cables</b></li> </ul>
3	LED Indicators	<ul style="list-style-type: none"> <li><b>Data Receive LED:</b> Flashes <b>Green</b> to indicate activity</li> <li><b>Data Transmit LED:</b> Flashes <b>Yellow</b> to indicate activity</li> <li><b>USB LED:</b> Solid <b>Blue</b> to indicate driver has been installed, and USB connection enumerated</li> </ul>
4	USB Type A Port	<ul style="list-style-type: none"> <li>Connect the <b>USB to Serial Adapter</b> to an available <b>USB-A Port</b></li> </ul>

## Pinout Diagram



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

## Package Contents

- USB to Serial Adapter x 1
- DB9 Nuts x 2
- 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/1P3FFCNB-USB-SERIAL](http://www.StarTech.com/1P3FFCNB-USB-SERIAL) [www.StarTech.com/1P10FFCN-USB-SERIAL](http://www.StarTech.com/1P10FFCN-USB-SERIAL)

## Installation

### 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/1P3FFCNB-USB-SERIAL](http://www.StarTech.com/1P3FFCNB-USB-SERIAL)
  - [www.StarTech.com/1P10FFCN-USB-SERIAL](http://www.StarTech.com/1P10FFCN-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 in accordance with 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 (2) 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.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

### **CAN ICES-3 (B)/NMB-3(B)**

This device complies with Industry Canada licence-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](http://www.startech.com/warranty).

### **Limitation of Liability**

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To view manuals, FAQs, videos, drivers, downloads, technical drawings, and more, visit  
[www.startech.com/support](http://www.startech.com/support).



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1P3FFCNB-USB-SERIAL USB to Null Modem Serial Adapter Cable, 1P3FFCNB-USB-SERIAL, USB to Null Modem Serial Adapter Cable, Modem Serial Adapter Cable, Serial Adapter Cable, Adapter Cable

## References

- [StarTech.com | IT Pro's Trusted Source for Connectivity Accessories](#)
- [10ft/3m USB to Null Modem Serial Cable - Serial Cards & Adapters | Add-on Cards & Peripherals | StarTech.com](#)
- [3ft \(1m\) USB to Null Modem Serial Cable - Serial Cards & Adapters | Add-on Cards & Peripherals | StarTech.com](#)
- [StarTech.com Support](#)
- [StarTech.com Warranty Policy](#)
- [User Manual](#)

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