USB-C to Serial DB9 / RS232 Adapter Cable, 1 m (3 ft.)

USB Type-C Male to Serial DB-9 Male Converter, PL2303GT Chipset, Double Shielding, Black

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USB to Serial Converter with Seamless RS232 Serial Connectivity for USB-C Laptops and Devices

The Manhattan USB-C to Serial DB9 / RS232 Adapter Cable offers a reliable and straightforward way to connect modern laptops and USB-C-equipped devices to legacy serial equipment. Whether you're interfacing with CNC machines, barcode scanners, modems, scanners, medical scales, label printers, sensors, cameras, oscilloscopes or programmable logic controllers, this adapter bridges the gap between old and new technology without the need for additional drivers or external power supplies.

Powered by the Prolific PL2303GT Chipset

At the heart of the adapter is the Prolific PL2303GT chipset, a robust and widely supported solution for RS-232 communication. It ensures smooth data transfer and broad compatibility across major operating systems, including Windows®, macOS®, and Linux®. Installation is truly plug-and-play, letting you get to work in seconds - no configuration required.

Reliable, High-Speed Performance

Designed for demanding environments, the adapter supports baud rates up to 3 Mbps, enabling fast and reliable communication with serial devices. Integrated LED indicators for Power, TX (Transmit), and RX (Receive) provide real-time visual feedback, making it easy to monitor connection status and troubleshoot data flow issues on the spot.

Durable, Shielded, and Built to Perform

This adapter features foil and braid double shielding to minimize electromagnetic interference (EMI), helping ensure stable performance in industrial or noisy electronic environments. Its wide operating temperature range of 0 to 85°C (32 to 185°F) makes it suitable for use in a variety of field or lab conditions.

Versatile for a Range of Applications

Whether you're in industrial automation, retail and POS, medical diagnostics, laboratory research, or digital signage, this USB-C to RS232 adapter delivers the compatibility and reliability you need. Bus-powered and compact, it's the perfect tool for technicians, engineers, and IT professionals working across multiple platforms.

Features:

- Connects a laptop or other USB-C device to a serial device like CNC machine, label/receipt printer, barcode scanner, or programmable logic controller
- Plug-and-play installation; compatible with Windows®, macOS®, and Linux®
- Built with the Prolific PL2303GT chipset for dependable serial communication and wide compatibility
- LED indicators for Power, TX (Transmit), and RX (Receive) enable real-time status monitoring and data flow troubleshooting
- Supports baud rates up to 3 Mbps for fast and reliable RS-232 data transfer
- Foil and braid double shielding to reduce EMI and other interference sources
- Suitable for wide operating temperatures of 0 to 85°C (32 to 185°F)
- Bus powered: no external power supply needed
- Ideal for use in industrial, retail/Point of Sale, medical, laboratory, and digital signage applications
- Three-year warranty

Specifications:

Standards and Certifications
• USB 2.0
• CE
• RoHS
• REACH
• UKCA
• UL 2725

Connections
• One USB-C 24-pin, male
• One DB-9 9-pin (D-Sub), male
• Nickel-plated contacts

General
• Wire: 100% pure bare copper (Cu)
• Jacket: PVC
• 24/28 AWG
• Double shielding: 1 x braid, 1 x aluminum foil
• Length: 1 m (3 ft.)
• Outer diameter (OD): 4.5 mm (0.18 in.)
• Chipset: Prolific PL2303GT
• Net weight: 59 g (0.13 lbs.)
• Gross weight: 67 g (0.15 lbs.)

Operating Environment
• Operation temperature: 0 - 85°C (32 - 185°F)
• Storage temperature: -10 - 85°C (14 - 185°F)
• Humidity (non-condensing): 10 - 90% RH

System Requirements
• Windows 7/8.1/10/11, Linux, or macOS

Package Contents
• USB-C to Serial Converter / Active Adapter
• Instructions

Pin 1: Data Carrier Detect (DCD)
Pin 2: Received Data (RXD)
Pin 3: Transmit Data (TXD)
Pin 4: Data Transmit (DTR)
Pin 5: Ground (GND)

Pin 6: Data Set Ready (DSR)
Pin 7: Request To Send (RTS)
Pin 8: Clear To Send (CTS)
Pin 9: Ring Indicator (RI)

Switch
Laptop
Cash Register
Modem
Printer
POS
Barcode Scanner
Label Writer