

Rocstor Y10A211-BL1

Rocstor Premium Cisco Console Router Cable (RJ45 to DB9) - Model Y10A211-BL1 User Manual

INTRODUCTION

This manual provides comprehensive instructions for the Rocstor Premium Cisco Console Router Cable, Model Y10A211-BL1. This cable is designed to facilitate direct serial communication between a computer and a Cisco network device (such as a router or switch) for configuration and management purposes. It features an RJ45 connector on one end and a DB9 female serial connector on the other, enabling a reliable connection for console access.

PRODUCT OVERVIEW

The Rocstor Premium Cisco Console Router Cable is a specialized cable used for connecting to the console port of Cisco networking equipment. It allows administrators to access the command-line interface (CLI) for initial setup, configuration, and troubleshooting.



Image: A light blue, flat network cable coiled, featuring a clear RJ45 male connector on one end and a light blue DB9 female serial connector on the other. The DB9 connector has two thumbscrews for secure attachment.

Key Features:

- **Cable Type:** DB-9/RJ-45
- **Cable Length:** 6 ft (approximately 1.8 meters)
- **Connector on First End:** RJ-45 Male Network
- **Connector on Second End:** 9-pin DB-9 Female Serial
- **Device Supported:** Router (and other compatible Cisco networking devices)

SETUP INSTRUCTIONS

Follow these steps to connect your computer to a Cisco device using the console cable:

1. **Identify Ports:** Locate the console port on your Cisco router or switch. This port is typically labeled 'Console' and is an RJ45 jack. Identify the serial port (DB9 male) on your computer. If your computer does not have a physical DB9 serial port, a USB-to-Serial (DB9) adapter will be required.

2. **Connect RJ45:** Insert the RJ45 end of the Rocstor console cable into the console port of your Cisco device. Ensure it clicks securely into place.
3. **Connect DB9:** Connect the DB9 female end of the console cable to the DB9 male serial port on your computer or USB-to-Serial adapter. Tighten the thumbscrews on the DB9 connector to secure the connection.
4. **Install Drivers (if applicable):** If using a USB-to-Serial adapter, ensure that the necessary drivers are installed on your computer. Refer to the adapter's manual for driver installation instructions.
5. **Verify Connection:** Once connected, the physical setup is complete. You can now proceed to configure your terminal emulation software.

OPERATING INSTRUCTIONS

To communicate with your Cisco device, you will need terminal emulation software on your computer. Popular options include PuTTY, Tera Term, or SecureCRT.

1. **Open Terminal Software:** Launch your preferred terminal emulation program.
2. **Configure Serial Connection:**
 - Select 'Serial' or 'COM' as the connection type.
 - Identify the correct COM port number assigned to your serial port or USB-to-Serial adapter (check Device Manager on Windows or `/dev/tty*` on Linux/macOS).
 - Set the serial port settings to the standard Cisco console configuration:
 - **Speed (Baud Rate):** 9600
 - **Data Bits:** 8
 - **Parity:** None
 - **Stop Bits:** 1
 - **Flow Control:** None (or XON/XOFF)
3. **Establish Connection:** Click 'Open' or 'Connect' in your terminal software. You should now see a command prompt from your Cisco device. If not, press Enter a few times.
4. **Begin Configuration:** You can now enter commands to configure and manage your Cisco router or switch.

MAINTENANCE

Proper care of your Rocstor console cable will ensure its longevity and reliable performance:

- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid sharp bends or kinks in the cable, as this can damage the internal wiring. Do not pull the cable by the wire; always grasp the connector when plugging or unplugging.
- **Cleaning:** If necessary, gently wipe the cable and connectors with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Inspection:** Periodically inspect the connectors for any signs of damage, corrosion, or bent pins.

TROUBLESHOOTING

If you encounter issues while using the console cable, consider the following troubleshooting steps:

| Problem | Possible Cause | Solution |
|---------------------------------|---|--|
| No output in terminal software | Incorrect COM port selected Incorrect serial settings Cable not fully connected Cisco device powered off | Verify COM port in Device Manager. Ensure baud rate is 9600, 8 data bits, no parity, 1 stop bit, no flow control. Check both RJ45 and DB9 connections. Ensure Cisco device is powered on. |
| Garbled or unreadable text | Incorrect baud rate or other serial settings | Double-check all serial settings (9600, 8, N, 1, None). Try other common baud rates if necessary (e.g., 115200). |
| Cannot find COM port | USB-to-Serial adapter drivers not installed or faulty | Install or reinstall the correct drivers for your USB-to-Serial adapter. Check Device Manager for driver status. |
| Connection drops intermittently | Loose cable connection Faulty cable | Ensure all connections are secure, especially the DB9 thumbscrews. Test with another console cable if available. |

SPECIFICATIONS



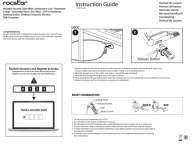


| Feature | Detail |
|----------------------|---|
| Brand | Rocstor |
| Model Number | Y10A211-BL1 |
| Cable Type | DB-9/RJ-45 Serial Console Cable |
| Cable Length | 6 ft (1.8 meters) |
| Connector 1 | RJ-45 Male Network |
| Connector 2 | DB-9 Female Serial |
| Connector Gender | Male-to-Female |
| Compatible Devices | Cisco Routers, Switches, and other networking devices with an RJ45 console port |
| Data Transfer Rate | 0.48 Gigabits Per Second (for general data, not console speed) |
| Shape | Round (cable jacket) |
| Indoor/Outdoor Usage | Indoor, Outdoor |
| Item Weight | 3.4 Pounds (approx. 1.54 kg) |
| Product Dimensions | 9.45 x 7 x 7.01 inches (packaging dimensions) |
| UPC | 810606031410 |
| Date First Available | May 1, 2019 |

WARRANTY AND SUPPORT

For information regarding product warranty, technical support, or service inquiries, please refer to the official Rocstor website or contact Rocstor customer support directly. Keep your purchase receipt for warranty claims.

Rocstor Official Website: www.rocstor.com

Related Documents - Y10A211-BL1

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|---|---|
|  | <p>Rocstor USB-C to Gigabit Ethernet Adapter Y10A174-B1 User Manual</p> <p>Official user manual for the Rocstor USB-C to Gigabit Ethernet Network Adapter (Model Y10A174-B1). Features, specifications, how-to-use guide, safety information, and warranty details.</p> |
|  | <p>Rocstor Y10A323-S1 Type-C 10-in-1 Docking Station: User Manual and Specifications</p> <p>Comprehensive user manual for the Rocstor Y10A323-S1 Type-C 10-in-1 portable docking station. Features include dual 8K display support, 10Gbps USB data transfer, 100W PD charging, Gigabit Ethernet, and SD/MicroSD card readers.</p> |
|  | <p>Rocbolt Combination Laptop Security Lock Instruction Guide - Y10C132-B1</p> <p>Instruction guide for the Rocbolt Combination Laptop Security Lock (Model Y10C132-B1) by Rocstor. Learn how to secure your notebook, desktop, or monitor with this 4-digit resettable cable lock. Includes setup, combination reset, technical support, and warranty information.</p> |
|  | <p>Rocstor Y10A320-S1 USB-C 7-in-1 Hub: User Manual, Features, and Specifications</p> <p>Detailed user manual for the Rocstor Y10A320-S1 USB-C 7-in-1 multiport adapter. Learn about its features including HDMI 4K/60Hz, 10Gbps USB-A and Type-C data ports, SD/microSD card readers, and 100W PD charging with DP 1.4 Alt mode. Includes technical specifications, connection diagram description, support, safety, and warranty information.</p> |
|  | <p>Rocstor Y10A305-S1 Type-C 7-in-1 Hub User Manual</p> <p>User manual for the Rocstor Y10A305-S1 Type-C 7-in-1 hub, detailing its features, specifications, connection diagram, and safety information. This hub expands connectivity with HDMI, USB-A, RJ45, SD/Micro SD card slots, and PD charging.</p> |



User manual for the Rocstor Volt UC16, a 1000W USB-C 16-device charging station cabinet. It details product features, power specifications, operation instructions, lock configuration, mobile app connectivity for remote monitoring, unit dimensions, and warranty information. Learn how to safely and efficiently charge multiple USB-C devices.