Cable Matters 200007-BLACK-10

Cable Matters 5Gbps Long USB 3.0 Cable - 10ft

Model: 200007-BLACK-10
Brand: Cable Matters

Introduction

The Cable Matters 5Gbps Long USB 3.0 Cable is designed for high-performance connectivity, enabling fast and efficient data transfer between your computer and various USB 3.0 Type-B devices. This manual provides essential information for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your cable.

Setup

Proper setup ensures reliable performance. Follow these steps to connect your USB 3.0 cable:

1. **Identify Ports:** Ensure your device has a USB 3.0 Type-B port. This cable is specifically designed for USB 3.0 Type-B and will not work with USB 2.0 Type-B ports. USB 3.0 Type-B ports are typically blue internally and have a different shape than USB 2.0 Type-B ports.
2. **Connect to Device:** Plug the USB 3.0 Type-B end of the cable into the corresponding port on your external hard drive, powered USB hub, docking station, scanner, or monitor.
3. **Connect to Computer:** Plug the USB-A end of the cable into an available USB 3.0 (or higher) port on your computer. For optimal performance, use a USB 3.0 port on your computer.

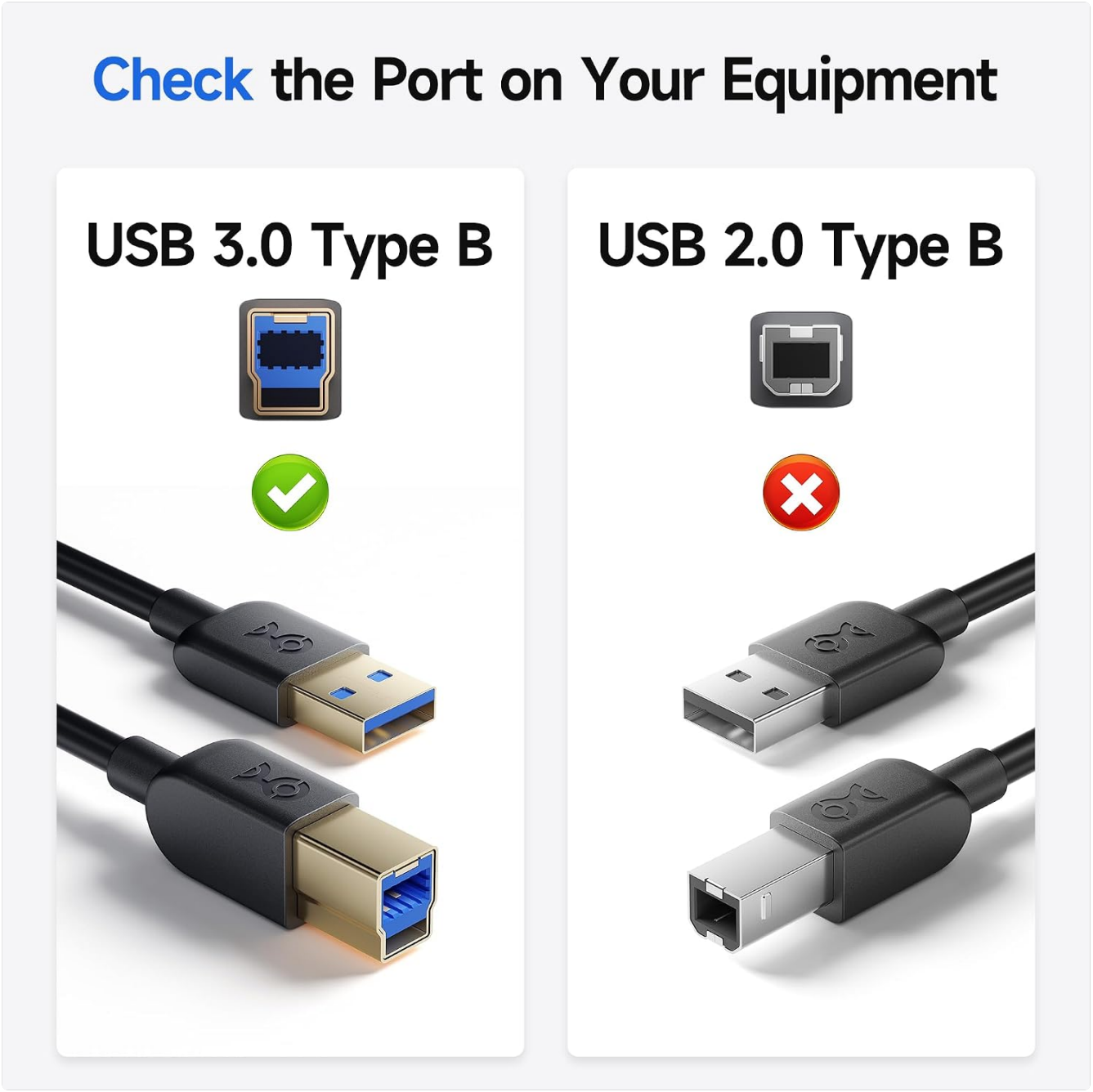


Image: This image illustrates the distinct differences between a USB 3.0 Type B port (left, with a blue interior and a checkmark) and a USB 2.0 Type B port (right, with a grey interior and a red 'X'), highlighting the importance of using the correct port for compatibility.

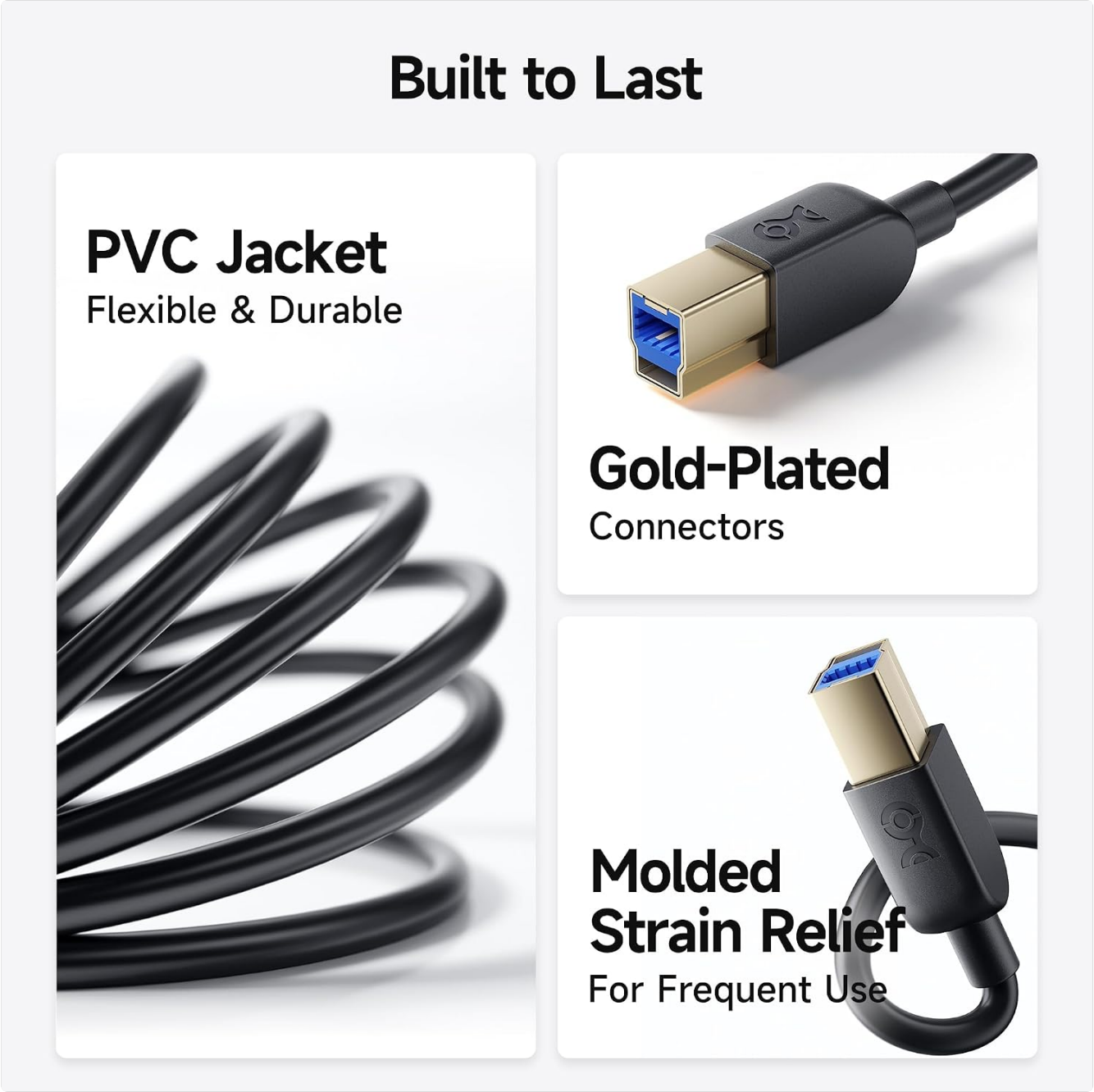


Image: This image shows the USB Type A to USB 3.0 Type-B cable connecting a laptop to an external hard drive enclosure, demonstrating a typical setup for data transfer.

Operating

Once connected, the cable facilitates high-speed data transfer and device operation.

- **Data Transfer:** The cable supports SuperSpeed USB 3.0, offering data transfer rates of up to 5 Gbps. This is significantly faster than USB 2.0 (480 Mbps), ideal for large file transfers, backups, and streaming.
- **Device Compatibility:** This cable is compatible with a wide range of devices equipped with a USB 3.0 Type-B port, including desktop external hard drives, powered USB hubs, USB docking stations, 3.5-inch hard drive enclosures, scanners, and monitors.



Image: This graphic visually compares the data transfer speeds of USB 3.0 (5 Gbps) versus USB 2.0 (480 Mbps), illustrating that USB 3.0 is 10 times faster, enhancing efficiency for connected devices.



Image: This image displays various devices compatible with the USB 3.0 Type-B cable, including desktop external hard drives, USB hubs, docking stations, SATA enclosures, scanners, and monitors, highlighting its broad utility.

Maintenance

To ensure the longevity and optimal performance of your Cable Matters USB 3.0 cable, follow these maintenance guidelines:

- **Proper Handling:** Always grasp the connector ends when plugging or unplugging the cable. Avoid pulling on the cable itself, as this can damage the internal wires or connectors.
- **Storage:** Store the cable in a clean, dry place away from extreme temperatures and direct sunlight. Avoid tightly coiling or bending the cable at sharp angles, which can stress the internal conductors and shielding.
- **Cleaning:** If necessary, gently wipe the cable and connectors with a soft, dry, lint-free cloth. Do not use liquid cleaners or abrasive materials.
- **Inspect for Damage:** Periodically inspect the cable for any signs of wear, such as frayed insulation, bent pins on the connectors, or exposed wires. If damage is found, discontinue use and replace the cable.



Image: This image highlights the durable construction of the cable, featuring a flexible and durable PVC jacket, gold-plated connectors for reliable signal transfer, and molded strain relief designed for frequent use, all contributing to its long lifespan.



Image: This detailed cross-section image reveals the superior internal construction of the cable, including the PVC cable jacket, braided shielding, bare copper conductors, foil shielding, and buffer cotton filler, all designed to ensure optimal performance and reliability.

Troubleshooting

If you encounter issues with your Cable Matters USB 3.0 cable, consider the following troubleshooting steps:

- **No Device Recognition:**
  - Ensure both ends of the cable are securely plugged into their respective ports.
  - Verify that the device you are connecting requires a USB 3.0 Type-B port. This cable is not compatible with USB 2.0 Type-B ports.
  - Try connecting the device to a different USB port on your computer.
  - Test the cable with another compatible device to rule out issues with the original device or computer port.
- **Slow Data Transfer Speeds:**

- Confirm that both your computer's USB port and the connected device's port are USB 3.0 compatible. If either is USB 2.0, speeds will be limited to USB 2.0 rates.
- Ensure no other high-bandwidth devices are simultaneously using the same USB controller on your computer.
- Update your computer's USB drivers.

- **Intermittent Connection:**
  - Check for any physical damage to the cable or connectors.
  - Ensure the cable is not being bent or strained excessively during use.
  - Avoid electromagnetic interference from other electronic devices.

If these steps do not resolve the issue, please contact Cable Matters customer support for further assistance.

Specifications

Feature	Detail
Brand	Cable Matters
Model Number	200007-BLACK-10
Product Dimensions	10.55 x 7.01 x 0.67 inches; 4.48 ounces
Connector Type	USB Type B
Cable Type	USB
Compatible Devices	Scanner, Monitor, Personal Computer
Special Feature	Fast Charging
Date First Available	October 20, 2011

Warranty and Support

Cable Matters products are designed for reliability and performance. For information regarding warranty coverage, technical support, or product inquiries, please visit the official Cable Matters website or contact their customer service directly. Keep your purchase receipt for warranty claims.