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## Cable Matters 104008

# Cable Matters 3-Pack 90-Degree SATA III 6Gbps Data Cable User Manual

Model: 104008

## INTRODUCTION

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This manual provides instructions for the Cable Matters 3-Pack 90-Degree SATA III 6Gbps Data Cables. These cables are designed to connect internal Serial ATA hard drives, Solid State Drives (SSDs), and DVD drives to motherboards or host controllers, supporting high-speed data transfer up to 6Gbps. The right-angle connector facilitates installation in tight spaces, and the locking latch ensures a secure connection.

## FEATURES

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- **Blazing Fast SATA III Speed:** Supports data transfer speeds up to 6Gbps, optimizing performance for SSDs and HDDs, enabling fast OS boot-ups, game loading, RAID configurations, and large file backups.
- **Right-Angle Design & Locking Latch:** The 90-degree connector allows for secure connections in confined spaces, suitable for small form-factor cases and complex PC builds. A locking latch provides a stable and reliable connection, preventing accidental disconnections.
- **Flexible and Durable Construction:** Features a low-profile, flexible jacket for efficient cable management and improved airflow within your PC case. Includes 3 reusable cable ties for organization.
- **Cost-Effective 3-Pack:** Provides three cables, offering spares or replacements for multiple installations, upgrades, or troubleshooting.
- **Broad Compatibility:** Works with SATA-equipped devices including 24x DVD-RW Serial-ATA Internal Optical Drives, Crucial MX100 BX100 MX200 SATA SSDs, Kingston 240GB SSD V300 SATA 3 SSDs, LG Electronics 14x Internal BDXL Blu-Ray Burners, Samsung 850 EVO SSDs, Seagate 3TB Desktop HDDs, WD Black Performance HDDs, and more. Backward compatible with SATA I and SATA II devices.

## PACKAGE CONTENTS

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Each package contains:

- 3 x Cable Matters 90-Degree SATA III 6Gbps Data Cables (18 Inches, Black)
- 3 x Reusable Cable Ties

# Cost-Effective 3-Pack

Includes cable ties for neat & tidy cable management



Image: Three 90-Degree SATA III cables with reusable cable ties for organization.

## SETUP & INSTALLATION

Follow these steps to properly install your SATA III data cables:

1. **Prepare Your System:** Ensure your computer is powered off and unplugged from the wall outlet. Open your computer case to access the motherboard and drive bays.
2. **Identify SATA Ports:** Locate the SATA data ports on your motherboard and the SATA data/power ports on your SSD, HDD, or optical drive. SATA data ports are typically 7-pin connectors.
3. **Connect to Drive:** Connect the 90-degree end of the SATA data cable to the data port on your storage device (SSD, HDD, or optical drive). The right-angle design helps manage cables in tight spaces. Ensure the locking latch clicks into place for a secure connection.

# Built to Last



Image: A close-up view of the 7-pin SATA connector with its easy-grip design and stainless steel locking latch.

4. **Connect to Motherboard:** Connect the straight end of the SATA data cable to an available SATA data port on your motherboard. Again, ensure the locking latch engages.

# Right-Angle & Low-Profile Design

Perfect for tight spaces and hard-to-reach SATA ports

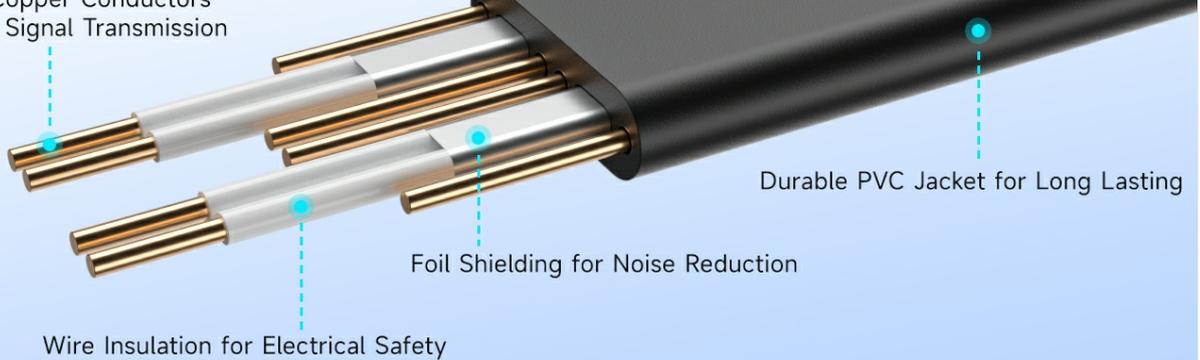


Image: A 90-degree SATA cable connected to an SSD, demonstrating its use in a compact PC build for efficient cable routing.

- 5. Power Connection:** Remember that SATA data cables only transfer data. Your storage device will also require a separate SATA power cable from your power supply unit (PSU). Connect the SATA power cable to the power port on your drive.
- 6. Cable Management:** Use the included reusable cable ties to bundle and route the cables neatly within your PC case. This improves airflow and gives your build a cleaner appearance.
- 7. Final Steps:** Close your computer case, plug it back in, and power it on. Your operating system should detect the new storage device. You may need to initialize and format the drive through your operating system's disk management tools if it's a new drive.

## Engineered for Durability

Tinned Copper Conductors  
for Stable Signal Transmission



Durable PVC Jacket for Long Lasting

Foil Shielding for Noise Reduction

Wire Insulation for Electrical Safety

Image: An illustration showing the connection of a SATA cable to an SSD within a PC, highlighting compatibility with various storage devices.

## OPERATING INSTRUCTIONS

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Once installed, the Cable Matters SATA III data cables operate automatically. Ensure that both ends of the cable are securely connected to the storage device and the motherboard. The cables facilitate data transfer between these components at speeds up to 6Gbps, depending on the capabilities of your connected devices and motherboard.

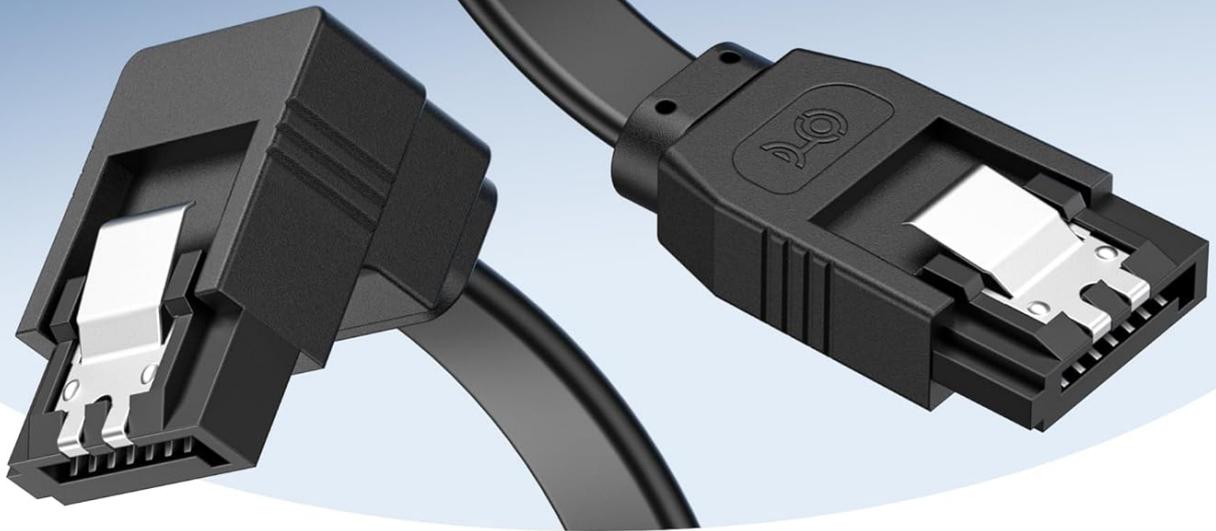
## COMPATIBILITY

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These SATA III cables are universally compatible with all SATA-enabled devices, including:

- Solid State Drives (SSDs)
- Hard Disk Drives (HDDs)
- Optical Drives (CD/DVD/Blu-Ray)
- Motherboards with SATA ports
- Host controller cards

They are backward compatible with SATA I and SATA II standards, ensuring functionality with older hardware while providing full performance with newer SATA III devices.



## Universal Compatibility with SATA Devices



Motherboard / RAID  
Controller Host Card



Optical DVD/Blu-ray Drive



2.5" SSD Drive



3.5" HDD Drive

Image: An illustration demonstrating the universal compatibility of the SATA cable with various components such as motherboards, optical drives, 2.5" SSDs, and 3.5" HDDs.

### SPECIFICATIONS

Feature	Specification
Brand	Cable Matters
Model Name	104008
Cable Type	SATA Data Cable
Connector Type	SATA (7-pin)
Data Transfer Rate	Up to 6 Gbps (SATA III)
Cable Length	18 Inches (approx. 45.7 cm)

Connector Angle	90-Degree (Right Angle) on one end, Straight on the other
Color	Black
Number of Items	3-Pack
Special Features	Locking Latch, Flexible Jacket, Includes Cable Ties
Compatible Devices	SSD, HDD, CD/DVD Drives, Motherboards, Gaming PCs, Desktops
Material	Polyvinyl Chloride (PVC)
Compliance	IEEE, RoHS, UL

## TROUBLESHOOTING

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### • Drive Not Detected:

- Ensure both the data cable and the power cable are securely connected to the drive and the motherboard/PSU.
- Try a different SATA port on the motherboard.
- Test with a different SATA cable if available.
- Check your BIOS/UEFI settings to ensure the SATA port is enabled and the drive is recognized.
- For new drives, ensure they are initialized and formatted in your operating system's disk management utility.

### • Slow Data Transfer Speeds:

- Verify that both your motherboard and storage device support SATA III (6Gbps) speeds. If either component is SATA I or II, speeds will be limited to their respective maximums (1.5Gbps or 3Gbps).
- Ensure the cable is not bent or kinked excessively, which could affect signal integrity.
- Check for other system bottlenecks (e.g., CPU usage, RAM, other storage devices).

### • Intermittent Connection:

- Confirm that the locking latches on both ends of the cable are fully engaged.
- Avoid excessive movement or strain on the cables once installed.
- Dust or debris in the SATA ports can cause issues; gently clean ports if necessary.

## MAINTENANCE

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These SATA cables require minimal maintenance. To ensure longevity and optimal performance:

- Keep cables free from sharp bends or kinks.
- Avoid pulling on the cable itself when disconnecting; always grasp the connector.
- Store unused cables in a cool, dry place, away from direct sunlight and extreme temperatures.
- Periodically check connections to ensure they remain secure, especially after moving or servicing your computer.

## WARRANTY & SUPPORT

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Cable Matters products are designed for reliability and performance. For specific warranty information and technical support, please refer to the official Cable Matters website or contact their customer service directly. Keep your purchase receipt for warranty claims.

