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> Aukuoy PCIe 8 Pin to 6+2 Pin GPU Power Extension Cable (Model: PC101) User Manual

Aukuoy PC101

Aukuoy PCIe 8 Pin to 6+2 Pin GPU Power Extension Cable

Model: PC101

INTRODUCTION

This manual provides instructions for the Aukuoy PCIe 8 Pin to 6+2 Pin GPU Power Extension Cable, Model PC101. This cable is designed to extend power delivery from your modular power supply unit (PSU) to your graphics processing unit (GPU), ensuring stable and efficient power connection for compatible systems.



Image: The Aukuoy PCIe 8 Pin to 6+2 Pin GPU Power Extension Cable, black braided, shown coiled.

PRODUCT FEATURES

- **Compatibility:** Specifically designed for MSI MAG A750GL and MAG A850GL (Black & White) ATX3.0 modular PSUs.
- **Cable Length:** 2.13 feet (65 cm) for flexible installation.
- **Premium Construction:** Features 18AWG tinned copper cores and braided nylon sleeving for enhanced durability and heat resistance.
- **Power Conversion:** Converts an 8-pin PSU output to a versatile 6+2-pin PCI-E connector, supporting both 6-pin and 8-pin graphics cards.
- **Enhanced Stability:** Supports up to 10A per wire, ensuring stable power delivery and preventing system issues under high loads.

COMPATIBILITY

This PCIe cable is exclusively compatible with the following MSI modular power supply units:

- MSI MAG A750GL ATX3.0

- MSI MAG A850GL ATX3.0
- MSI MAG A850GL WHITE ATX3.0

Ensure your PSU model matches one of the listed compatible units for proper functionality and safety.

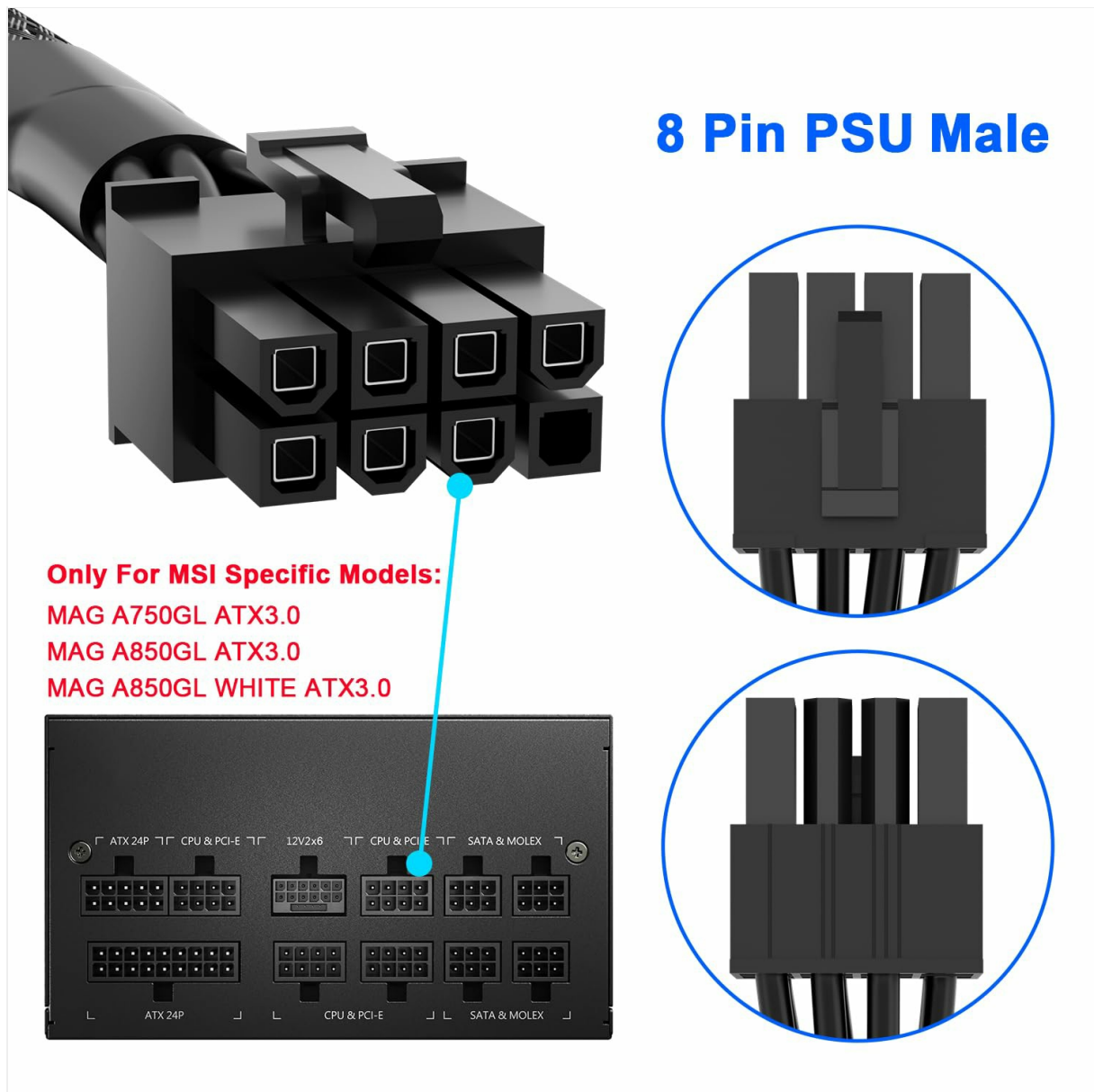


Image: Close-up of the 8-pin male PSU connector, highlighting compatibility with MSI MAG A750GL and A850GL ATX3.0 PSUs.

SETUP AND INSTALLATION

Follow these steps to correctly install your Aukuoy PCIe power extension cable:

1. Step 1: Prepare Your System

Before beginning, ensure your computer is powered off and unplugged from the wall outlet. Open your computer case to access the power supply and graphics card.

2. Step 2: Connect to PSU

Locate an available 8-pin PCIe power output on your compatible MSI modular power supply. Plug the 8-pin male end of the Aukuoy cable firmly into this port. Ensure it clicks into place.

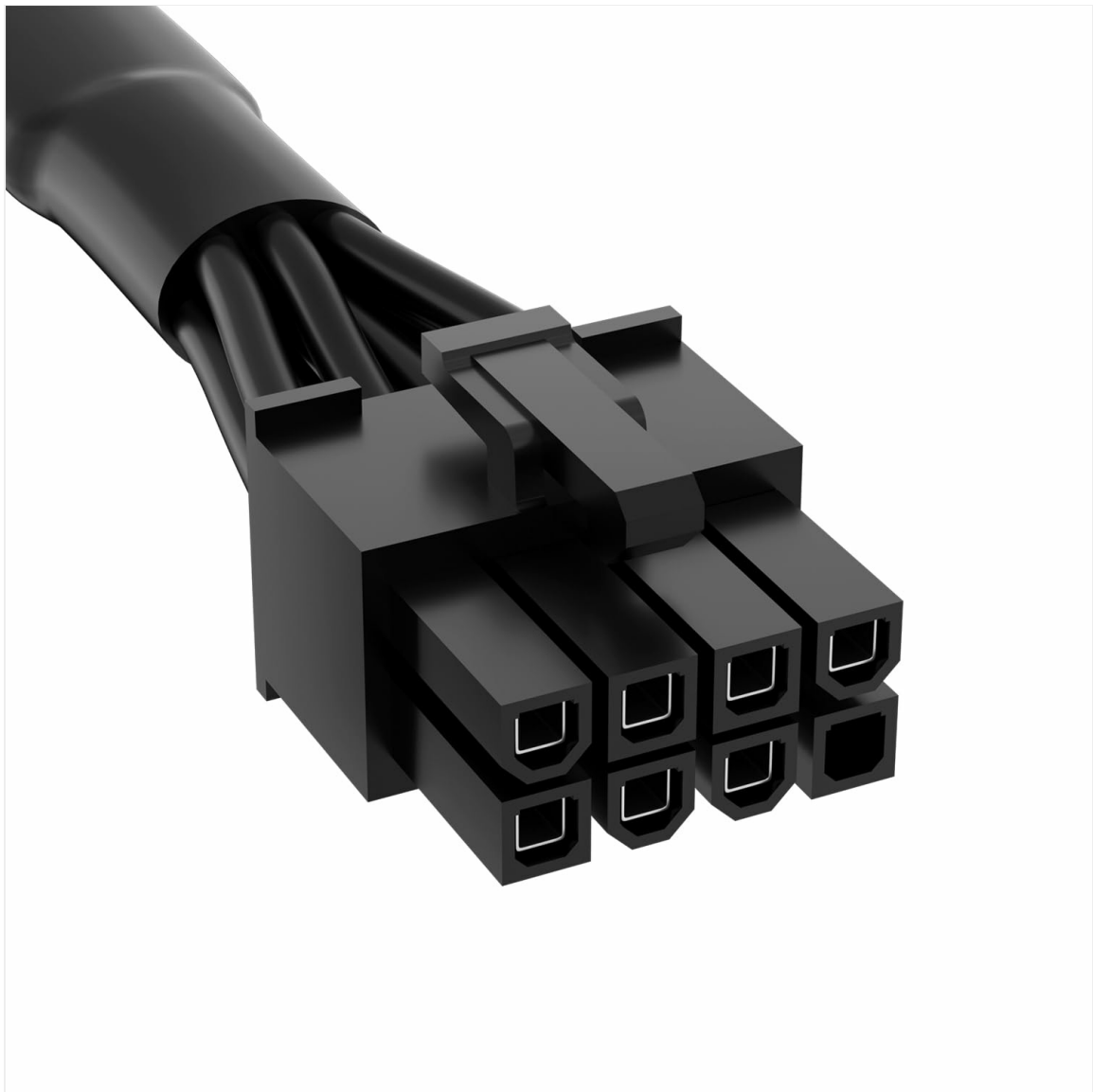


Image: Detailed view of the 8-pin male connector, designed to plug into the modular PSU.

3. **Step 3: Connect to GPU**

Identify the power input on your graphics processing unit (GPU). This will typically be a 6-pin, 8-pin, or 6+2-pin connector. Connect the 6+2-pin male end of the Aukuoy cable to your GPU. If your GPU requires a 6-pin connection, the +2 pins can be detached. **Do not connect this end to the motherboard.**

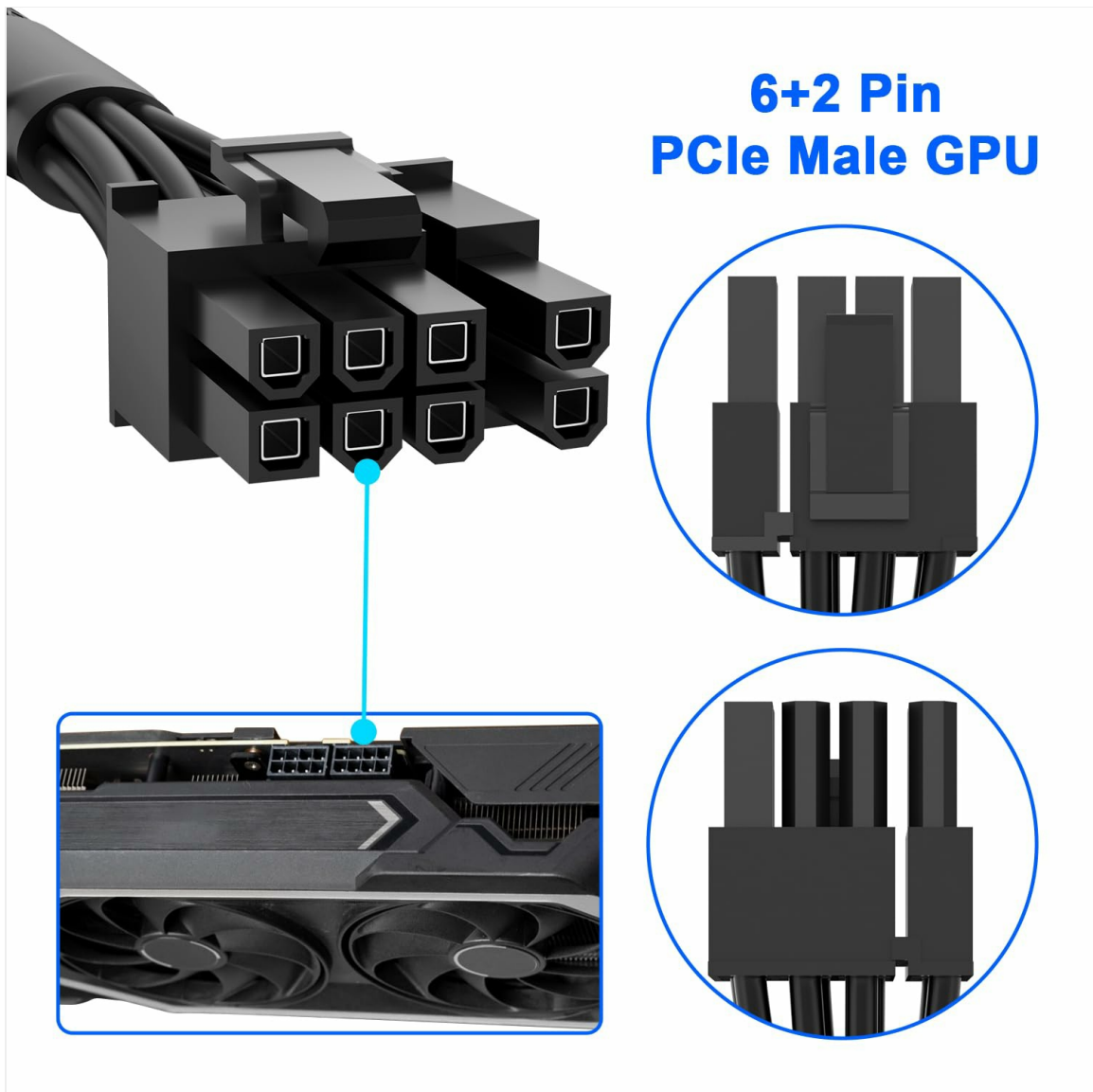


Image: Close-up of the 6+2 pin male GPU connector, showing its flexible design for 6-pin or 8-pin GPU power inputs.

4. **Step 4: Secure Connections**

Ensure both ends of the cable are securely seated to prevent power interruptions. Route the cable neatly within your case to avoid obstructing airflow.

5. **Step 5: Power On**

Close your computer case, plug in the power cord, and power on your system. Verify that your GPU is receiving power and functioning correctly.

Important Safety Note: Always ensure your power supply is disconnected from the mains electricity before installing or removing any internal components or cables.

OPERATION

Once correctly installed, the Aukuoy PCIe power extension cable operates passively to deliver power from your compatible MSI modular PSU to your graphics card. It requires no additional configuration or software. The cable's robust design ensures consistent power flow, crucial for the stable operation of high-performance GPUs.

MAINTENANCE

The Aukuoy PCIe power extension cable is designed for durability and requires minimal maintenance. To

ensure optimal performance and longevity:

- **Regular Inspection:** Periodically inspect the cable for any signs of wear, fraying, or damage, especially near the connectors.
- **Cleanliness:** Keep the cable and its connectors free from dust and debris. Use compressed air or a soft, dry cloth for cleaning.
- **Avoid Stress:** Do not bend the cable sharply or apply excessive force to the connectors, as this can damage the internal wiring or pins.
- **Proper Routing:** Ensure the cable is routed in a way that does not impede airflow within your PC case or get pinched by other components.

TROUBLESHOOTING

If you encounter issues after installing the Aukuoy PCIe power extension cable, consider the following troubleshooting steps:

- **No Power to GPU:**
 - Ensure both the 8-pin PSU end and the 6+2-pin GPU end are fully seated and locked into their respective ports.
 - Verify that your PSU is powered on and functioning correctly.
 - Confirm that your PSU is one of the compatible MSI models (MAG A750GL, A850GL).
- **System Instability or Crashes:**
 - Check all power connections within your system, not just the new cable.
 - Ensure your PSU has sufficient wattage to power your GPU and other components, especially if you have recently upgraded.
 - Inspect the cable for any visible damage. If damaged, discontinue use and replace.
- **Incorrect Pin Configuration:**
 - Double-check that the 8-pin end is connected to the PSU and the 6+2-pin end is connected to the GPU. Connecting the GPU end to the motherboard can cause damage.

If problems persist, consult your GPU or PSU manufacturer's documentation or contact Aukuoy customer support.

SPECIFICATIONS

Brand	Aukuoy
Model Number	PC101
Cable Type	PCIe 8 Pin to 6+2 Pin GPU Power Extension Cable
Connector Type	8 Pin Male (PSU) to 6+2 Pin Male (GPU)
Wire Gauge	18AWG Tinned Copper
Current Rating	Up to 10A per wire
Cable Length	2.13 feet (65 cm)

Sleaving	Braided Nylon
Compatible PSUs	MSI MAG A750GL ATX3.0, MSI MAG A850GL ATX3.0
Product Dimensions	1 x 1 x 1 inches (approximate, cable length is 65cm)

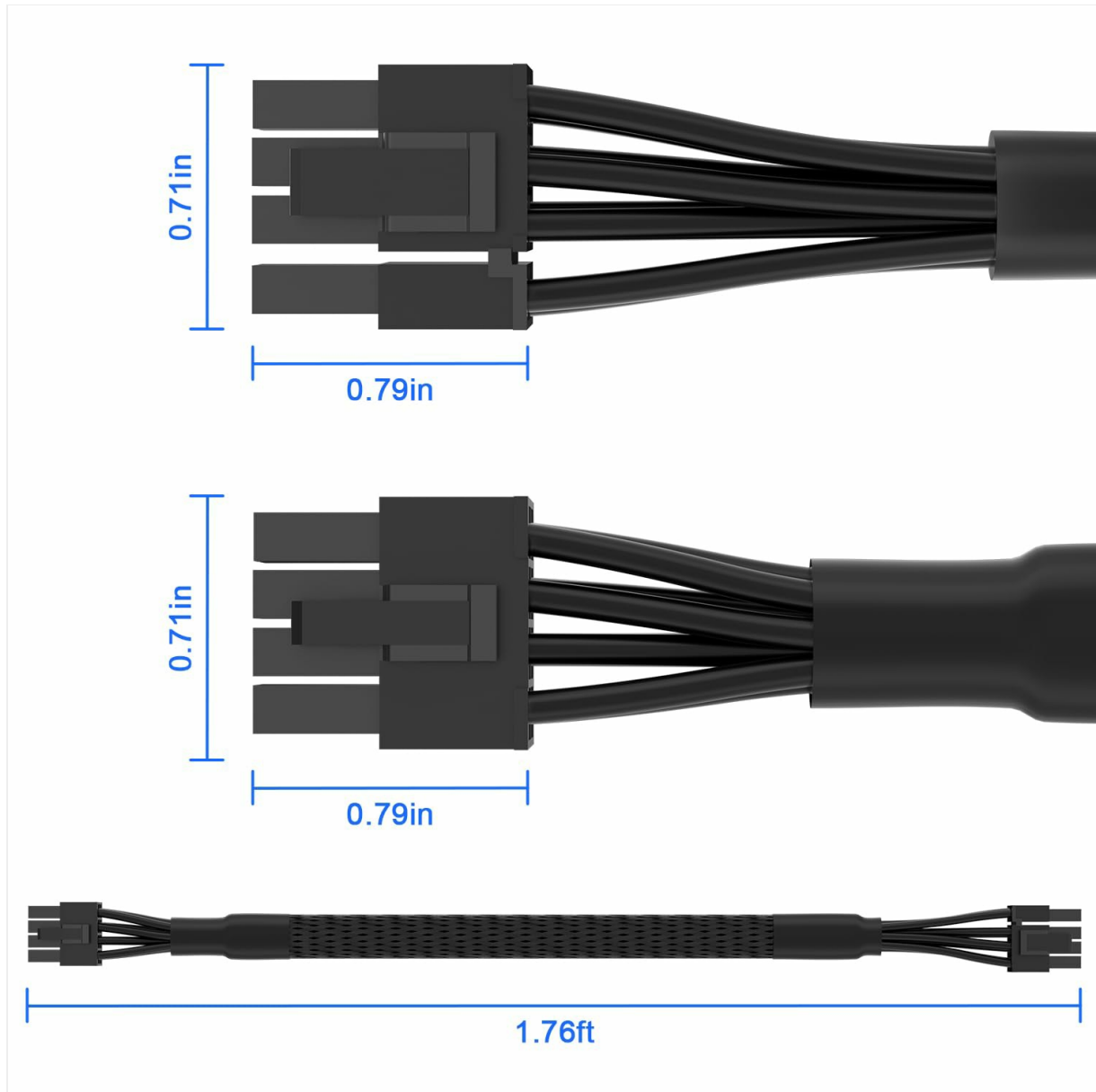


Image: Diagram illustrating the dimensions of the cable connectors and overall length.

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Aukuoy PCIe power extension cable, please refer to the product packaging or contact Aukuoy customer service directly. Keep your purchase receipt for warranty claims.

For general inquiries, you may visit the Aukuoy brand page on Amazon:[Aukuoy Store](#)

