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INTRODUCTION

This manual provides comprehensive instructions for the INSIGNIA 4 ft Cat-6 Ethernet Cable (Grey). Designed for reliable and high-speed wired network connections, this cable is suitable for various applications including home, office, gaming, and streaming. Please read this manual carefully to ensure proper installation and optimal performance of your Ethernet cable.

PRODUCT OVERVIEW

The INSIGNIA 4 ft Cat-6 Ethernet Cable (Grey) is engineered to deliver stable and fast internet connectivity. It features:

- **Fast & Reliable Wired Internet Connection:** Improves network stability for work, streaming, and gaming, offering smooth, consistent internet performance where Wi-Fi may be weak or unstable.
- **High-Speed Cat-6 Standard:** Supports data transfer rates up to 5 Gigabits Per Second, suitable for modern network demands.
- **Durable Construction:** Features corrosion-resistant RJ45 connectors and a robust cable design for long-lasting performance.
- **Universal Compatibility:** Works with a wide range of devices including laptops, desktop PCs, gaming consoles (Xbox, PlayStation), smart TVs, routers, and streaming boxes.



Image: Two RJ45 connectors of the INSIGNIA Cat-6 Ethernet cable. The connectors are grey with clear plastic clips, showing the internal wiring.

SETUP INSTRUCTIONS

Connecting your INSIGNIA Cat-6 Ethernet cable is a straightforward process. Follow these steps for a secure connection:

1. **Identify Ports:** Locate the Ethernet (RJ45) ports on your devices. These are typically rectangular with a small clip on one side. You will need one port on your internet source (e.g., router, modem) and one on your target device (e.g., computer, gaming console, smart TV).
2. **Connect First End:** Gently insert one end of the INSIGNIA Cat-6 Ethernet cable into an available Ethernet port on your router or modem. Ensure the clip clicks into place, indicating a secure connection.
3. **Connect Second End:** Insert the other end of the Ethernet cable into the Ethernet port on your target device. Again, ensure the clip clicks securely.
4. **Verify Connection:** Most devices will automatically detect the wired connection. Look for an indicator light on the Ethernet port (if available) or check your device's network settings to confirm a successful wired connection.

Note: Do not force the connector into the port. If it does not fit easily, check the orientation of the connector and the port.

OPERATING INSTRUCTIONS

Once connected, the INSIGNIA Cat-6 Ethernet cable operates passively, providing a direct data link between your devices. No additional software or drivers are typically required for its function.

- **Automatic Detection:** Modern operating systems and network devices are designed to automatically detect and utilize a wired Ethernet connection when available.

- **Prioritization:** Wired connections are generally prioritized over wireless (Wi-Fi) connections by most devices due to their superior speed and stability.
- **Performance:** For optimal performance, ensure both connected devices support Gigabit Ethernet (1000 Mbps) or higher, to fully utilize the Cat-6 cable's capabilities.

MAINTENANCE

To ensure the longevity and optimal performance of your INSIGNIA Cat-6 Ethernet cable, follow these simple maintenance guidelines:

- **Avoid Bending:** Do not excessively bend, crimp, or tightly coil the cable, as this can damage the internal wires and reduce performance.
- **Protect Connectors:** Keep the RJ45 connectors clean and free from dust or debris. Avoid pulling the cable by the wire; always grasp the connector when plugging or unplugging.
- **Proper Storage:** When not in use, store the cable loosely coiled in a dry, cool place away from direct sunlight or extreme temperatures.
- **Physical Inspection:** Periodically inspect the cable and connectors for any signs of wear, fraying, or damage. Replace the cable if significant damage is observed.

TROUBLESHOOTING

If you encounter issues with your wired network connection, consider the following troubleshooting steps:

Problem	Possible Solution
No internet connection.	Ensure both ends of the Ethernet cable are securely plugged into the respective ports. Check if the indicator lights on the Ethernet ports (if available) are active. Restart your router/modem and your connected device. Test with a different Ethernet port on your router/modem or device. Try a different Ethernet cable to rule out a faulty cable.
Slow internet speed.	Ensure your router/modem and device support Gigabit Ethernet for optimal Cat-6 performance. Check for other network activity that might be consuming bandwidth. Verify your internet service provider's speed. Inspect the cable for any physical damage or tight bends.
Intermittent connection.	Ensure the cable connectors are firmly seated and not loose. Check for sources of electromagnetic interference near the cable. Replace the cable if it appears damaged or worn.

SPECIFICATIONS

Feature	Detail
Brand	INSIGNIA
Model	4 ft Cat-6 Ethernet Cable (Grey)
Cable Type	Ethernet (Cat-6)
Connector Type	RJ45 (Male-to-Male)
Length	4 feet
Data Transfer Rate	Up to 5 Gigabits Per Second
Compatible Devices	Laptop, Desktop PC, Router, Modem, Gaming Consoles (Xbox, PlayStation), Smart TVs
Item Weight	70 Grams
UPC	600603276934
ASIN	B0G2QXV9CG

WARRANTY AND SUPPORT

This INSIGNIA product comes with a **30 days limited warranty**. For warranty claims or technical support, please refer to the manufacturer's official website or contact their customer service. Keep your purchase receipt for warranty validation.

Manufacturer: INSIGNIA

For further assistance, visit the INSIGNIA Store on Amazon.