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› WISCENT Cat 6 Ethernet Cable User Manual

WISCENT CAT6-1-100ft

WISCENT Cat 6 Ethernet Cable User Manual

Model: CAT6-1-100ft (16 ft White Variant)

INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your WISCENT Cat 6 Ethernet Cable. Designed for reliable high-speed data transmission, this flat cable is ideal for wired home and office networks, connecting devices such as modems, routers, computers, and gaming consoles.

PACKAGE CONTENTS

- 1 x WISCENT Cat 6 Slim Patch Cable (16 Feet, White)
- 1 x Package of Cable Clips

SETUP GUIDE

The WISCENT Cat 6 Ethernet Cable is designed for simple plug-and-play connectivity. Follow these steps to establish a network connection:

1. Identify the RJ45 ports on your network devices (e.g., router, modem, computer, game console).
2. Gently insert one end of the Cat 6 Ethernet cable into an available RJ45 port on your first device until it clicks into place.
3. Insert the other end of the cable into an available RJ45 port on your second device, ensuring a secure connection.
4. Verify that the connection indicator lights on your devices (if present) illuminate, indicating a successful link.
5. Utilize the included cable clips to neatly secure the flat cable along walls or under furniture, preventing tripping hazards and maintaining a clean installation.



Image: A laptop connected to a Wi-Fi router using the flat white Cat 6 Ethernet cable, demonstrating a typical setup.

OPERATING INSTRUCTIONS

Once connected, the WISCENT Cat 6 Ethernet Cable facilitates high-speed data transfer between your networked devices. This cable supports speeds up to 250 MHz and is compliant with Power over Ethernet (PoE) and Voice over IP (VoIP) standards, making it suitable for a wide range of applications.

The flat design of the cable allows for discreet routing and installation, reducing clutter and improving aesthetics in your home or office environment. Its unshielded twisted pair (UTP) construction with bare copper wire and gold-plated RJ45 connectors ensures minimal noise and interference for a stable and reliable connection.



Image: Illustration of various devices compatible with the Cat 6 Ethernet cable, such as desktops, laptops, routers, monitoring systems, TV boxes, switch boxes, and modems.

MAINTENANCE

The WISCENT Cat 6 Ethernet Cable requires minimal maintenance. To ensure optimal performance and longevity:

- **Avoid Sharp Bends:** While the flat design is flexible, avoid bending the cable at sharp angles, which can damage the internal conductors.
- **Keep Connectors Clean:** Periodically inspect the RJ45 connectors for dust or debris. Use a soft, dry cloth to gently clean them if necessary.
- **Protect from Physical Damage:** Ensure the cable is not pinched, stepped on, or exposed to heavy objects that could crush it.
- **Store Properly:** If storing the cable, coil it loosely to prevent kinks and tangles. The flat design helps in tangle-free storage.

TROUBLESHOOTING

If you experience issues with your network connection, consider the following:

Problem	Possible Cause	Solution
No Network Connection	Cable not fully inserted; Damaged cable; Incorrect port.	Ensure both RJ45 connectors are fully seated and click into place. Try a different port on your device. Inspect the cable for visible damage; replace if necessary.
Slow Network Speed	Cable interference; Device limitations; Network congestion.	Ensure the cable is not running parallel to power lines or other sources of electromagnetic interference. Check your network device settings and internet service provider speed. This cable supports up to 250 MHz, ensure your devices are compatible.
Intermittent Connection	Loose connection; Cable damage; Faulty device port.	Reseat the cable firmly in both ports. Test the cable with another device or try a different cable to isolate the issue. If possible, try a different port on your device.

SPECIFICATIONS

Detailed technical specifications for the WISCENT Cat 6 Ethernet Cable:

- **Cable Type:** CAT6 4-Pair UTP (Unshielded Twisted Pair)
- **Outside Diameter:** 5.8 ± 0.3 mm (0.23 ± 0.01 inch)
- **Connector Type:** RJ45
- **Conductor Material:** 100% Bare Copper
- **Contact Plating:** 50 Micron Gold Plated
- **Conductor Gauge:** 30 AWG
- **Cable Performance:** Up to 250 MHz
- **Compliance:** Power over Ethernet (PoE) and Voice over IP (VoIP) Compliant
- **Color:** White
- **Length:** 16 Feet
- **Special Feature:** Flat, Tangle-Free Design

Unshielded Twisted(UTP) Pair patch cable

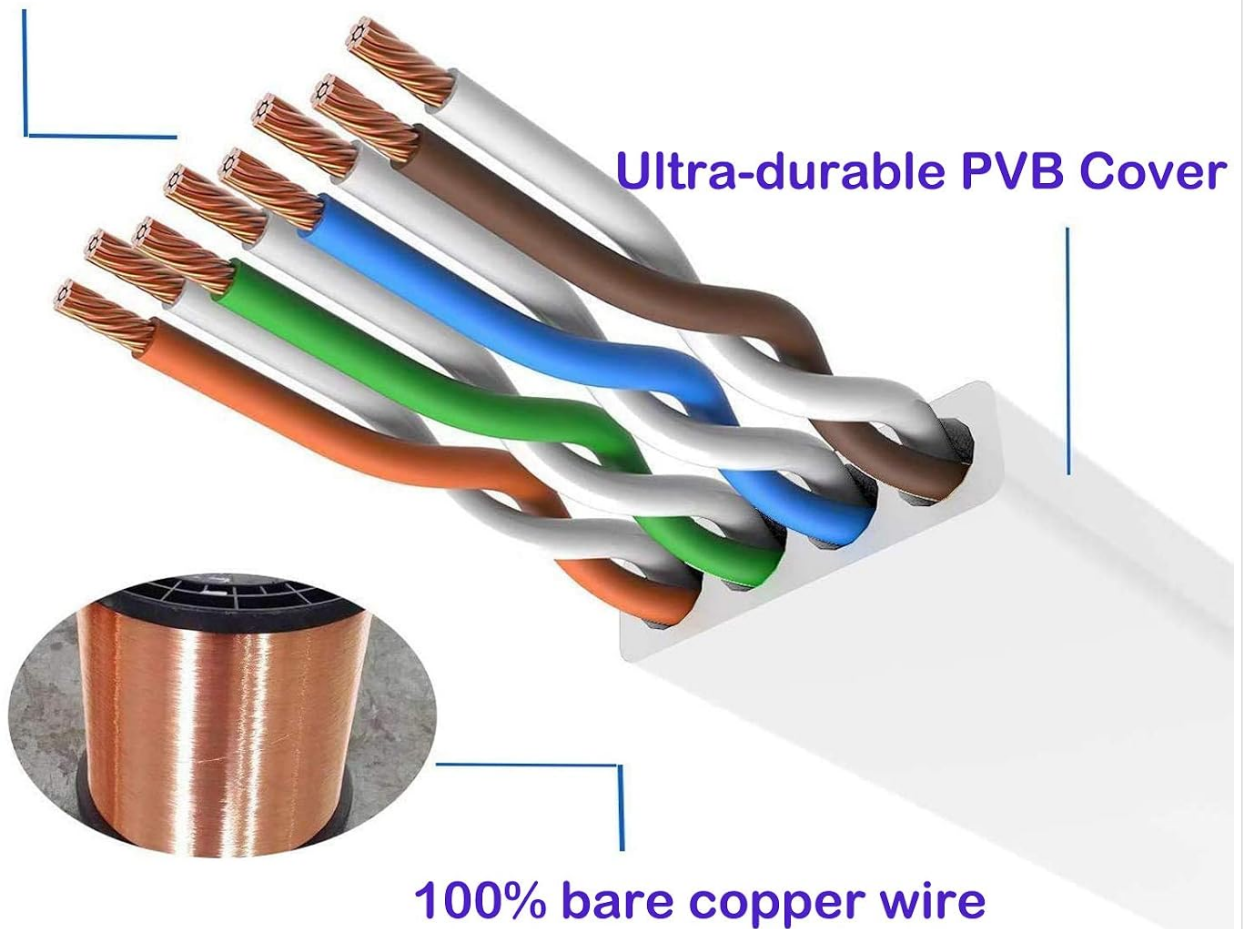


Image: Cross-section diagram of the Cat 6 UTP cable, highlighting its unshielded twisted pair construction, ultra-durable PVB cover, and 100% bare copper wire.

WARRANTY AND SUPPORT

For any questions, technical assistance, or support regarding your WISCENT Cat 6 Ethernet Cable, please refer to the contact information provided with your purchase or visit the official WISCENT website. Keep your purchase receipt for warranty claims, if applicable.

For further assistance, you may visit the WISCENT Store on Amazon: [WISCENT Store](#).

ASK A QUESTION ABOUT THIS MANUAL

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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