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UGREEN 80432

UGREEN Cat 8 Ethernet Cable (Model 80432, 10FT) Instruction Manual

High-Speed Braided 40Gbps 2000Mhz Network Cable

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1. INTRODUCTION

Thank you for choosing the UGREEN Cat 8 Ethernet Cable. This manual provides essential information for the proper installation, operation, and maintenance of your new network cable. Designed for high-speed data transfer and superior interference protection, this cable ensures a stable and fast network connection for various devices.

2. KEY FEATURES

- **High-Speed Performance:** Supports up to 40 Gbps data transfer and 2000 MHz bandwidth, ideal for demanding network applications like gaming and 4K/8K streaming.
- **Superior Anti-interference:** Features 4 shielded foiled twisted pairs (F/FTP), a pure copper core, and gold-plated RJ45 connectors to minimize interference, noise, and crosstalk.
- **Enhanced Durability:** Wrapped with a quality cotton braided cord, making the cable robust and resistant to bending and fraying for long-term use.
- **Power over Ethernet (PoE) Support:** Compatible with PoE power supply functions (except for 65ft length), simplifying installations for devices like PoE cameras by eliminating the need for additional power sources.
- **Wide Compatibility:** Equipped with standard RJ45 connectors, ensuring compatibility with a broad range of networking devices.

Ultra Internet Speed



Cat8

40Gbps / 2000Mhz



Cat7

10Gbps / 1000Mhz



Cat6

1Gbps / 250Mhz

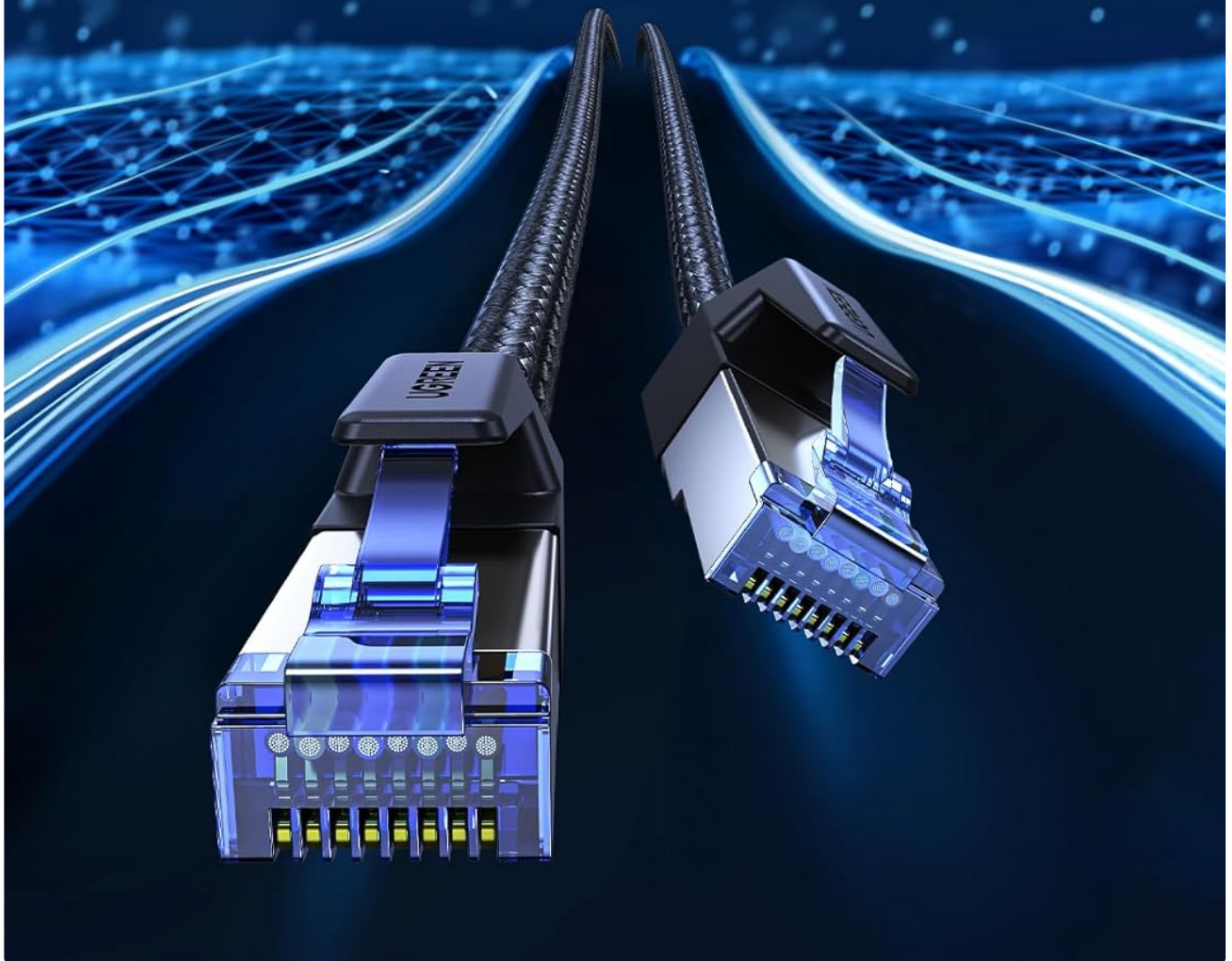


Image 1: UGREEN Cat 8 Ethernet Cable showcasing its blue RJ45 connectors and braided exterior.

3. TECHNICAL SPECIFICATIONS

Attribute	Detail
Brand	UGREEN
Model	80432
Cable Type	Cat 8 Ethernet
Connector Type	RJ45 (Male-to-Male)
Data Transfer Rate	Up to 40 Gigabits Per Second
Frequency	Up to 2000 MHz
Shielding	F/FTP (Foiled/Foiled Twisted Pair)
Conductor Material	Pure Copper Core, Gold-plated RJ45 Connector
Outer Material	Cotton Braided Cord
Color	Black
Length	10FT (3 meters)
Weight	80 Grams
Indoor/Outdoor Usage	Indoor

Faster and More Stable

Aluminum Foil Shielding - Higher
Anti-interference Ability

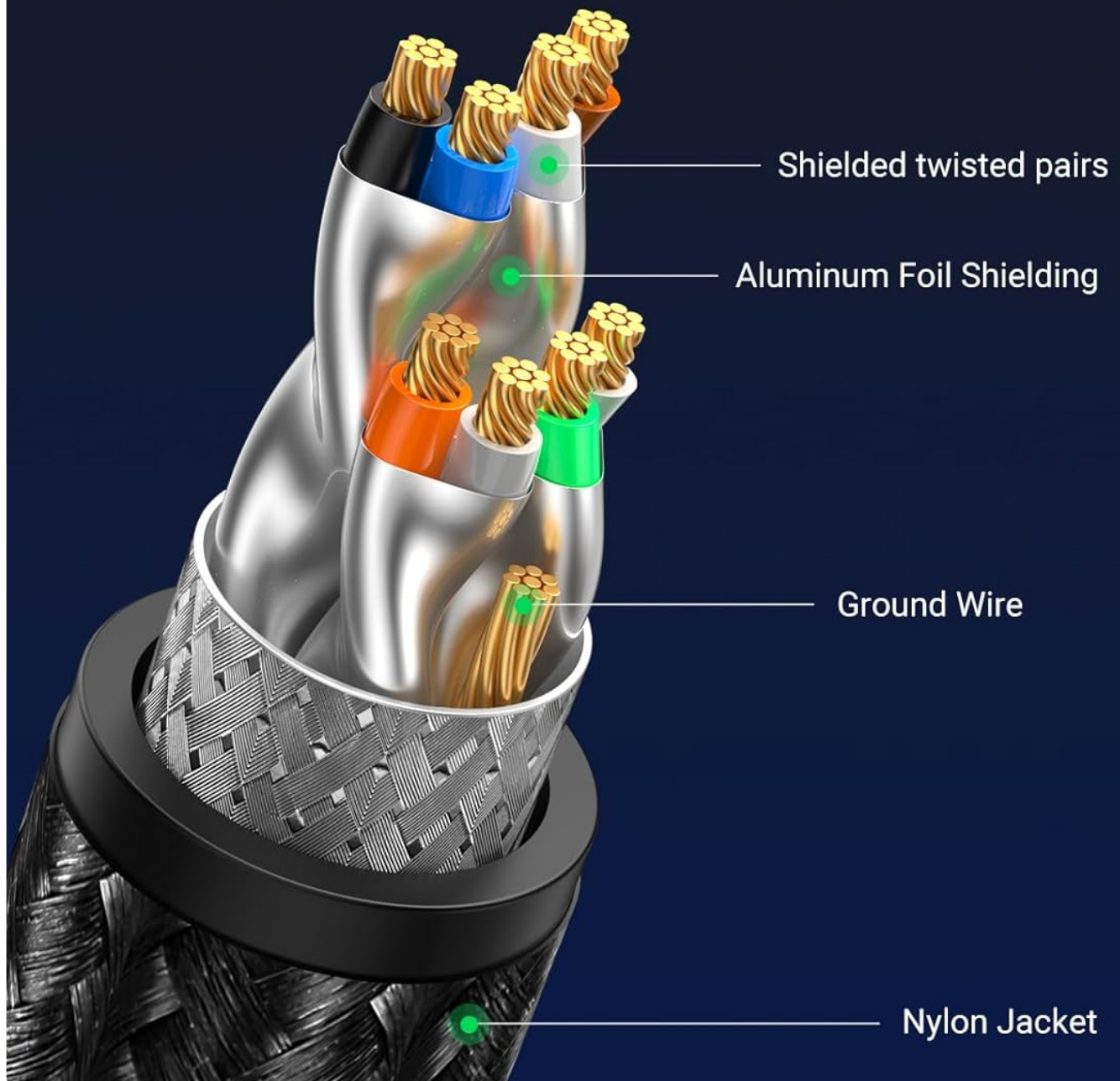


Image 2: Cross-section diagram illustrating the shielded twisted pairs, aluminum foil shielding, ground wire, and nylon jacket of the UGREEN Cat 8 Ethernet Cable.

4. SETUP & INSTALLATION

The UGREEN Cat 8 Ethernet Cable is designed for simple plug-and-play installation. Follow these steps to connect your devices:

1. **Identify Ports:** Locate the RJ45 Ethernet ports on your networking devices (e.g., router, modem, computer, gaming console).
2. **Remove Protective Caps:** Gently remove the protective caps from both ends of the UGREEN Cat 8 Ethernet Cable.
3. **Connect First Device:** Insert one end of the Ethernet cable into the RJ45 port of your first device. Ensure it clicks securely into place.
4. **Connect Second Device:** Insert the other end of the Ethernet cable into the RJ45 port of your second device. Again, ensure a secure click.
5. **Verify Connection:** Most devices will automatically detect the Ethernet connection. Check for indicator lights on your devices (if available) to confirm an active link.

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Video 1: Demonstrates the simple plug-and-play installation of the UGREEN Cat 8 Ethernet Cable, showing connection to a laptop and a modem/router. This video highlights the ease of setup and the immediate improvement in internet speed.

Reinforced Tail & Wire Protection

7mm



Image 3: The UGREEN Cat 8 Ethernet Cable securely plugged into the Ethernet port of a computer, illustrating a typical connection scenario.

5. OPERATING INSTRUCTIONS

Once connected, the UGREEN Cat 8 Ethernet Cable operates automatically, providing a stable and high-speed wired network connection. No additional software or configuration is typically required for basic operation.

- **Optimal Performance:** For best performance, ensure that both connected devices (e.g., router and PC) support Cat 8 or higher Ethernet standards. The cable is backward compatible with Cat7, Cat6e, Cat6, Cat5e, and Cat5, but speeds will be limited by the lowest category device in the chain.
- **PoE Functionality:** If using with Power over Ethernet (PoE) devices, ensure your PoE injector or switch is compatible and provides adequate power. The cable will transmit both data and power.

Play and Stream Without Latency



Image 4: A user enjoying a video game on a console, connected via the UGREEN Cat 8 Ethernet Cable, highlighting its low-latency performance for gaming and streaming.

6. MAINTENANCE

To ensure the longevity and optimal performance of your UGREEN Cat 8 Ethernet Cable, follow these simple maintenance guidelines:

- **Avoid Sharp Bends:** While durable, avoid excessively sharp bends or kinks in the cable to prevent internal wire damage.
- **Protect Connectors:** When not in use, utilize the provided protective caps for the RJ45 connectors to prevent dust and physical damage.
- **Clean Gently:** If necessary, gently wipe the cable and connectors with a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.
- **Proper Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tangling by coiling it loosely.

Passed Fluke Networks Test Certification

Authoritative testing, superior quality

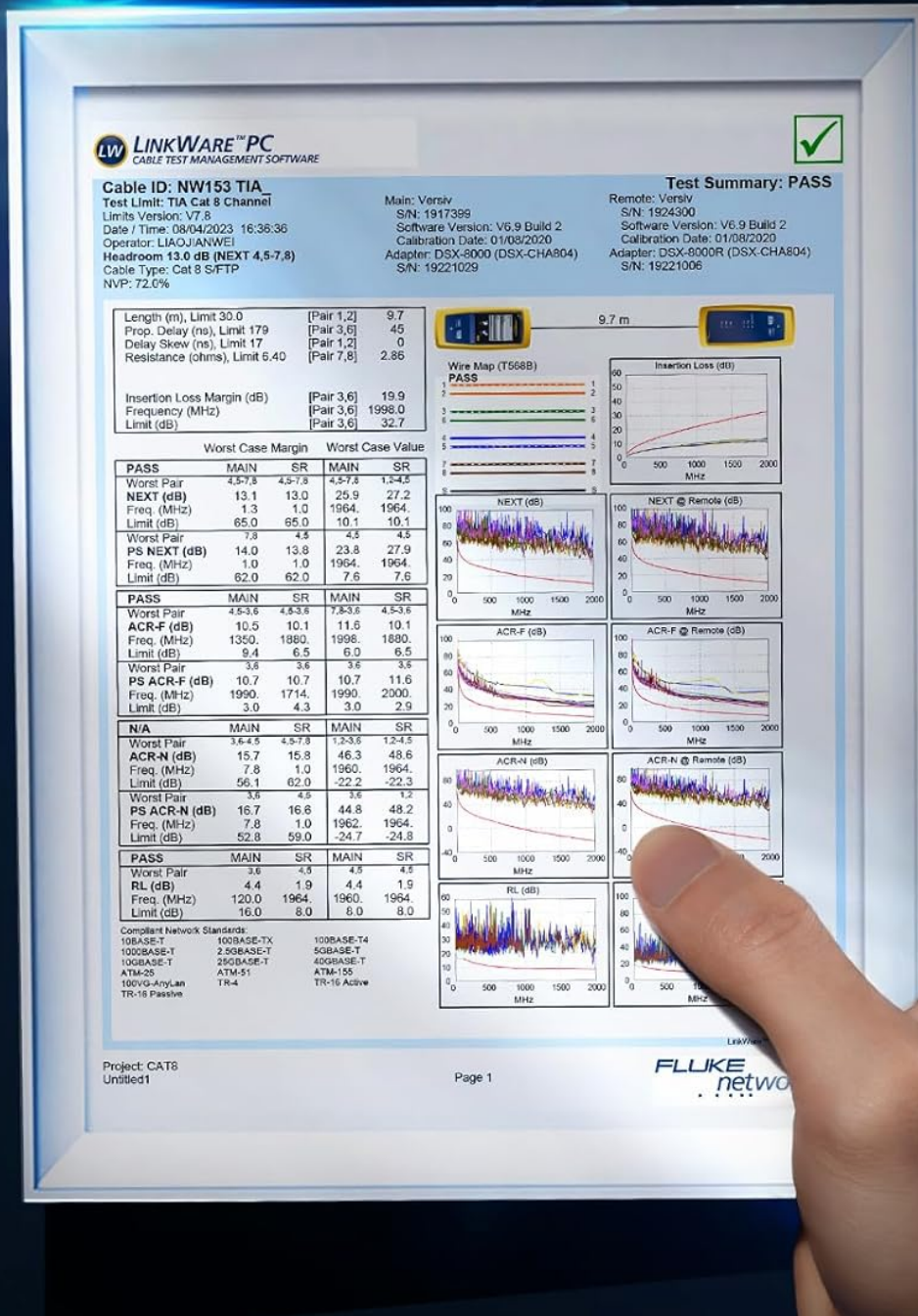


Image 5: A close-up view of the UGREEN Cat 8 Ethernet Cable's reinforced tail and connector, emphasizing its robust design for durability.

7. TROUBLESHOOTING

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

- **No Connection:**

- Ensure both ends of the cable are securely plugged into their respective ports.
- Check if the indicator lights on your network devices are active.
- Try connecting a different, known-working Ethernet cable to rule out device issues.
- Restart your modem and router.

- **Slow Speed:**

- Verify that your internet service provider (ISP) is delivering the expected speeds.
- Ensure all devices in your network chain (modem, router, switches) support high-speed Ethernet (e.g., Gigabit Ethernet or higher).
- Temporarily disconnect other devices from your network to see if bandwidth contention is the issue.
- Perform a speed test with the cable connected directly to your modem (if applicable) to isolate the problem.

- **Intermittent Connection:**

- Check for any physical damage to the cable or connectors.
- Ensure the cable is not running parallel to power lines or other sources of electromagnetic interference.
- Test with another Ethernet cable to determine if the issue is with the UGREEN cable or other network components.

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Video 2: An official UGREEN video showcasing the Cat 8 Ethernet Cable's features and build quality, emphasizing its reliability for stable connections.

8. COMPATIBILITY

The UGREEN Cat 8 Ethernet Cable is broadly compatible with any device featuring a standard RJ45 Ethernet port. This includes, but is not limited to:

- Computers (Desktops, Laptops)
- Modems & Routers
- Gaming Consoles (PS5, PS4, PS3, Xbox Series X/S, Xbox One, Xbox 360)
- Network Switches & Hubs
- Servers
- Network Attached Storage (NAS) devices
- Smart TVs & Streaming Devices
- VoIP Phones
- PoE Devices (e.g., IP Cameras, Wireless Access Points)

The cable is fully backward compatible with older Ethernet standards (Cat7, Cat6e, Cat6, Cat5e, Cat5), ensuring versatility across various network setups.

Meet Various Usage Scenarios



Home / Office



Server Room



Internet Cafe



Computer Room

Image 6: Illustrates diverse applications of the UGREEN Cat 8 Ethernet Cable in different environments such as home/office, server rooms, internet cafes, and computer rooms, emphasizing its broad utility.

9. WARRANTY & SUPPORT

UGREEN products are designed for reliability and performance. For warranty information, technical support, or any inquiries regarding your UGREEN Cat 8 Ethernet Cable, please refer to the official UGREEN website or contact their customer service directly.

You can visit the UGREEN Store on Amazon for more product information and support resources.