UGREEN 40171

UGREEN Cat 8 Ethernet Cable (Model 40171) Instruction Manual

6FT Flat High-Speed Network Cable

Introduction

The UGREEN Cat 8 Ethernet Cable is designed for high-speed network connectivity, supporting up to 40Gbps data transmission and 2000MHz bandwidth. Its flat, braided design ensures durability and easy installation in various environments. This manual provides essential information for setting up, operating, and maintaining your UGREEN Cat 8 Ethernet Cable.

Key Features

- **40Gbps 2000MHz High Speed:** Supports ultra-fast data transmission for gaming, streaming, and large file transfers.
- **Flexible Flat Design:** Allows for clean and discreet installation under carpets, through windows, or along walls.
- **Wide Compatibility:** RJ45 connector is compatible with computers, laptops, modems, routers, gaming consoles (PS5, PS4, Xbox), network switches, and more. Backward compatible with Cat7, Cat6e, Cat6, Cat5e, Cat5.
- **Excellent Anti-interference:** Features 4 shielded foiled twisted pairs (U/FTP), 26AWG pure copper core, and gold-plated connectors to minimize interference and crosstalk.
- **Durable Braided Design:** Wrapped with quality cotton braided cord for enhanced strength and longevity, tested to withstand over 10,000 bends.



Image: UGREEN Cat 8 Ethernet Cable highlighting its 40Gbps speed and 2000MHz bandwidth, demonstrating superior performance compared to Cat 7 (10Gbps, 600MHz) and Cat 6 (1Gbps, 250MHz) cables.

Setup Instructions

1. **Unpack the Cable:** Carefully remove the UGREEN Cat 8 Ethernet Cable from its packaging. Ensure both RJ45 connectors are intact.
2. **Remove Protective Caps:** If present, gently remove the protective caps from both RJ45 connectors.
3. **Connect to Network Device:** Insert one end of the Ethernet cable into an available Ethernet port

(RJ45) on your network device (e.g., modem, router, network switch). Ensure it clicks securely into place.

4. **Connect to End Device:** Insert the other end of the Ethernet cable into the Ethernet port (RJ45) of your target device (e.g., computer, laptop, gaming console, smart TV). Ensure a secure connection.
5. **Verify Connection:** Most devices will automatically detect the Ethernet connection. Check for a blinking or solid LED indicator light on both the network device and your end device, indicating an active connection.
6. **Cable Routing:** Utilize the flat design to route the cable discreetly. It can be run under carpets, along baseboards, or through narrow spaces without causing bulges or tripping hazards.

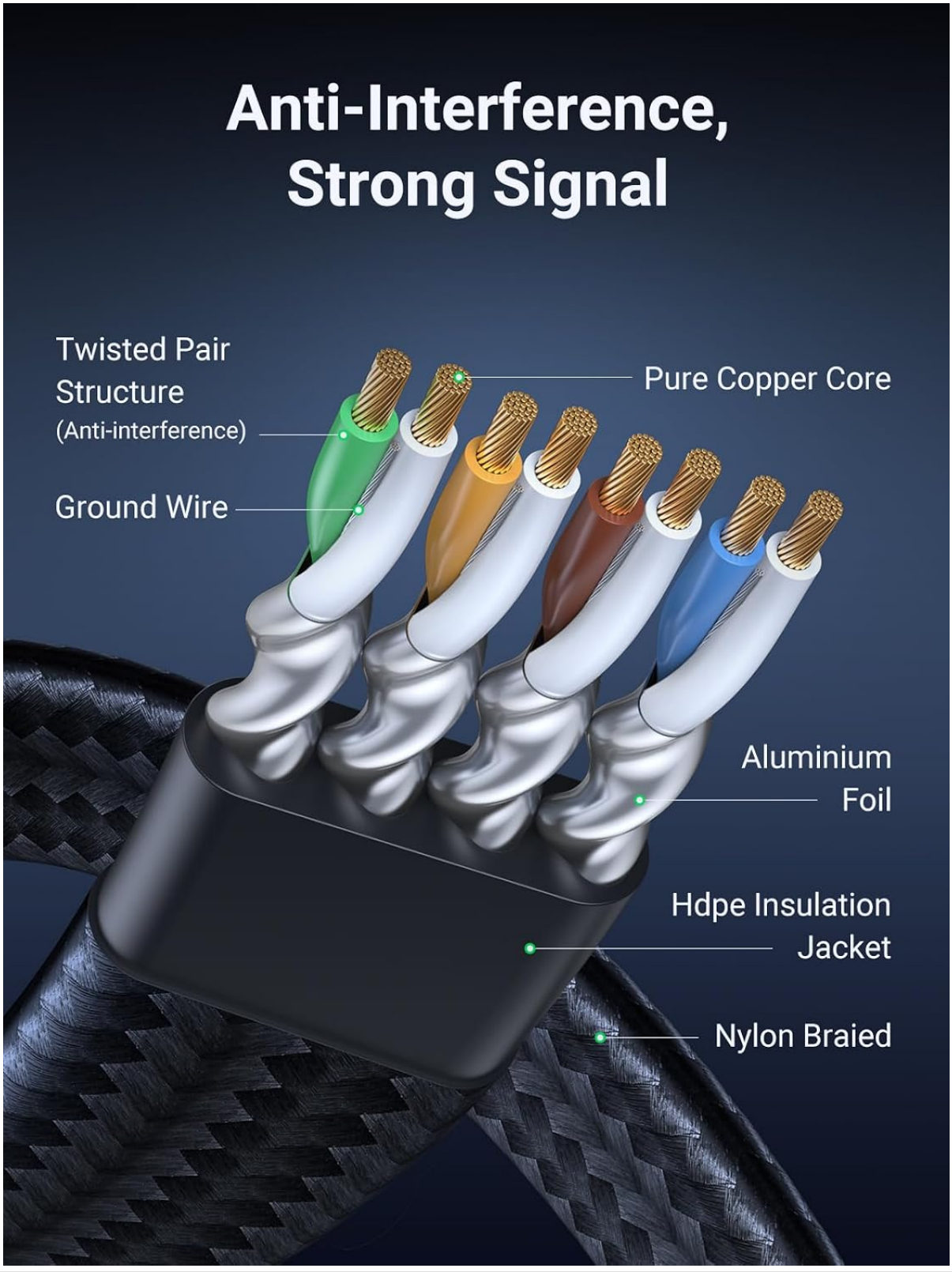


Image: A detailed view of the UGREEN Cat 8 Ethernet Cable's RJ45 connector, showcasing its gold-plated pins designed to enhance conductivity and ensure a stable network connection.

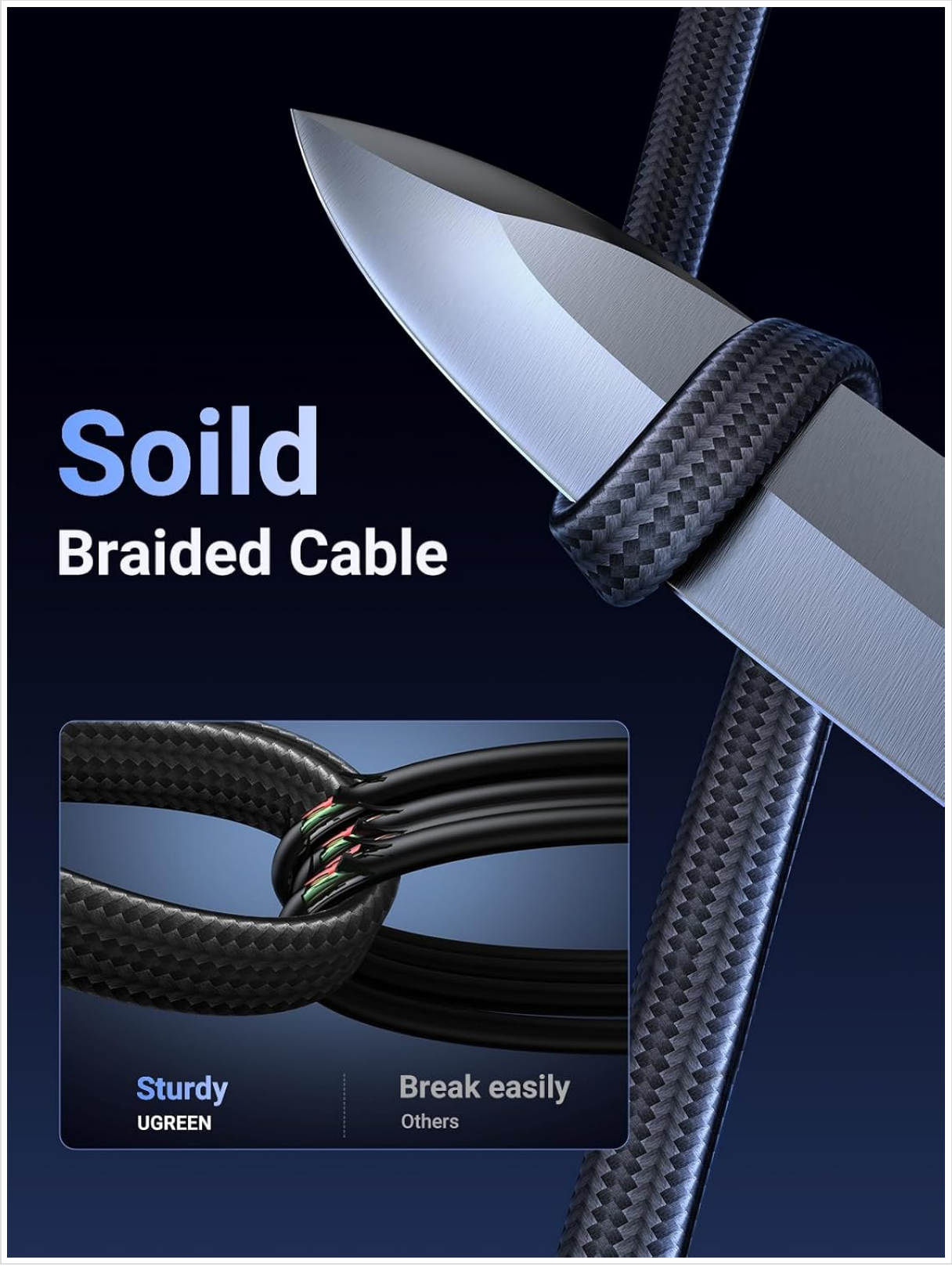


Image: The UGREEN Cat 8 Ethernet Cable connected to a router and a gaming console, illustrating its application in a home network setup for high-speed gaming.

Operating the Cable

Once connected, the UGREEN Cat 8 Ethernet Cable operates automatically, providing a wired network connection. No additional software or drivers are required for its basic function.

Optimizing Performance:

- For optimal performance, ensure both your network device (router/modem) and your end device (PC, console) support Cat 8 or higher Ethernet standards.
- Avoid sharp bends or kinks in the cable to maintain signal integrity. The flat design helps in routing without compromising performance.
- Keep the cable away from strong electromagnetic interference sources if possible, although its shielded design offers significant protection.

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Video: Official UGREEN video demonstrating the flat braided design of the Cat 8 Ethernet Cable and its features. This video highlights the cable's flexibility and suitability for various installation scenarios.

Maintenance

The UGREEN Cat 8 Ethernet Cable is designed for durability and requires minimal maintenance.

- **Cleaning:** If necessary, gently wipe the cable with a soft, dry cloth to remove dust. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, coil the cable loosely to prevent kinks. The included cable ties can assist in neat storage.
- **Inspection:** Periodically check the RJ45 connectors for any signs of damage or corrosion. Ensure the locking tab is intact for a secure connection.

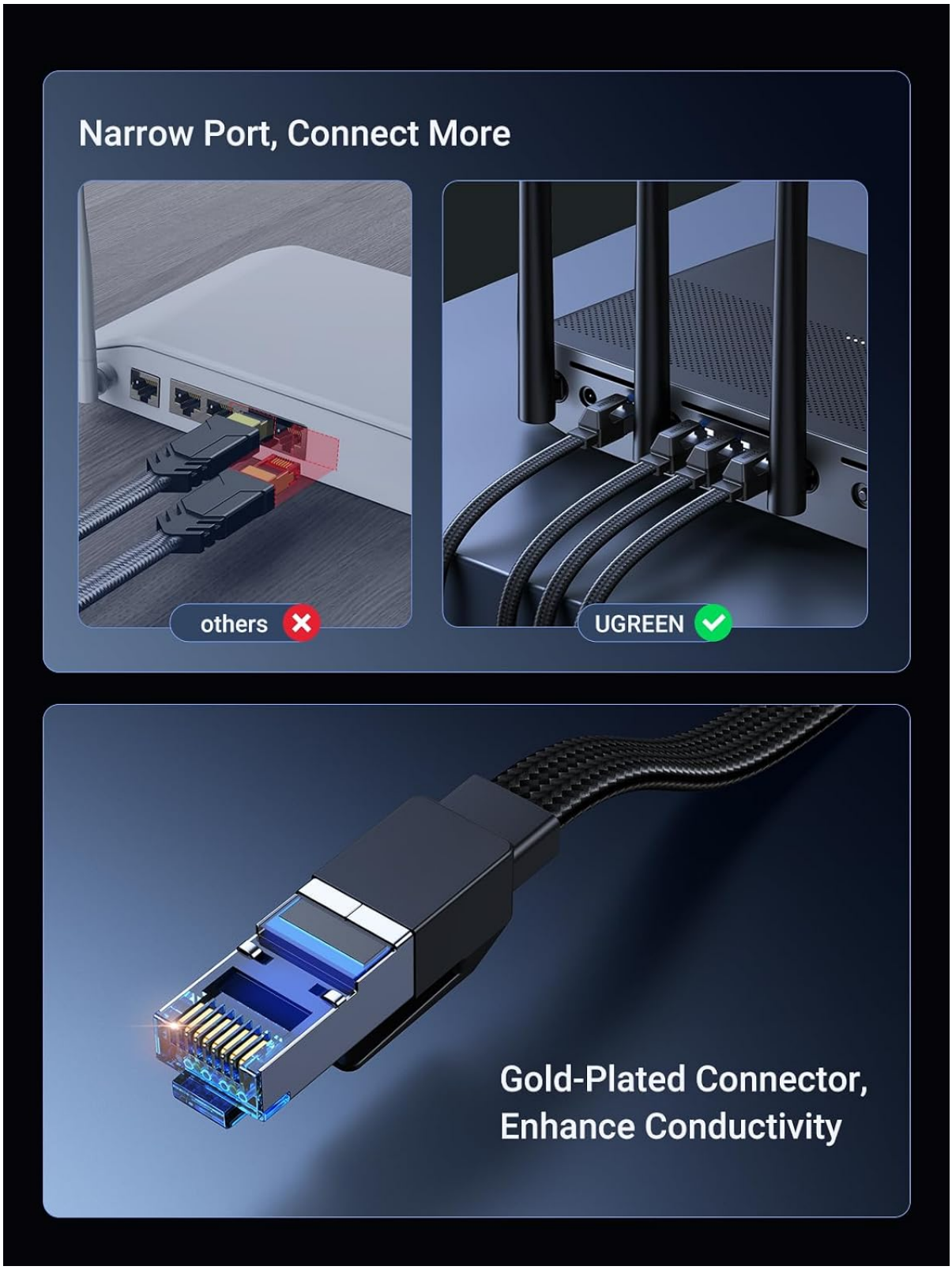


Image: An illustration detailing the internal construction of the UGREEN Cat 8 Ethernet Cable, showing its 4 shielded foiled twisted pairs, pure copper core, aluminum foil, HDPE insulation jacket, and nylon braided exterior, all contributing to its anti-interference and durability.

Troubleshooting

No Network Connection:

- **Check Connections:** Ensure both ends of the Ethernet cable are securely plugged into their

respective ports. Listen for a click when inserting the RJ45 connector.

- **Verify Device Status:** Confirm that your modem, router, and end device are powered on and functioning correctly.
- **Test with Another Cable/Port:** If possible, try using a different Ethernet cable or connecting to another port on your network device to rule out cable or port issues.
- **Restart Devices:** Power cycle your modem, router, and end device. Unplug them from power for 30 seconds, then plug them back in and wait for them to fully restart.

Slow Network Speed:

- **Check Internet Plan:** Verify that your internet service provider (ISP) plan supports the speeds you expect.
- **Device Capabilities:** Ensure your network adapter and router support Cat 8 speeds (40Gbps, 2000MHz). Older hardware may limit performance.
- **Minimize Interference:** While the cable is shielded, excessive electromagnetic interference can still impact performance. Ensure the cable is not running parallel to power lines or other high-voltage cables for long distances.
- **Update Drivers:** Ensure your network adapter drivers on your computer are up to date.

Specifications

Feature	Detail
Brand	UGREEN
Model Number	40171
Cable Type	Cat 8 Ethernet
Data Transfer Rate	40 Gigabits Per Second (40Gbps)
Frequency	2000 MHz
Connector Type	RJ45 (Male-to-Male)
Special Feature	Braided, Flat Design, Shielded (U/FTP), Gold-Plated Connectors
Compatible Devices	Server, Router, Personal Computer, Xbox, Modem, PS5, PS4, PS3, Switch, Network Adapters, Hubs, VoIP phones
Indoor/Outdoor Usage	Indoor
Color	Black
Item Weight	2.82 ounces (80 Grams)
Specification Met	CE, IEEE, RoHS, UL

Warranty and Support

UGREEN products are designed for reliability and performance. For warranty information and technical support, please refer to the official UGREEN website or contact their customer service directly.

Return Policy: This product typically comes with a 30-day refund/replacement policy. Please check with your retailer for specific return details.

Manufacturer: Ugreen Group Limited

Contact: Visit the UGREEN Store on Amazon for more products and support.

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