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VENTION ICABF

VENTION Cat 7 Ethernet Cable User Manual

Model: ICABF

PRODUCT OVERVIEW

The VENTION Cat 7 Ethernet Cable is designed to provide a high-speed and stable network connection for various devices. This flat cable supports data transmission rates up to 10 Gigabits per second (10Gbps) and a bandwidth of 600MHz, making it suitable for demanding network applications such as online gaming, high-definition video streaming, and large file transfers.

Its double-shielded construction minimizes interference, ensuring a reliable and secure connection. The flat design allows for flexible installation in tight spaces, such as under carpets or along walls.



Image: VENTION Cat 7 Flat Ethernet Cable, showcasing its design and RJ45 connectors.

KEY FEATURES

- High-Speed Performance:** Supports 10Gb/s data transfer and 600MHz bandwidth for fast and stable network connections.
- Double Shielding:** Features aluminum foil and woven metal mesh shielding to reduce electromagnetic interference and signal loss.
- Durable Connectors:** Equipped with gold-plated RJ45 connectors for optimal conductivity and corrosion resistance.
- Flat Cable Design:** Flexible and easy to route, ideal for discreet installation in various environments.
- Wide Compatibility:** Compatible with a broad range of devices including PCs, laptops, routers, modems, switches, and gaming consoles.

SETUP INSTRUCTIONS

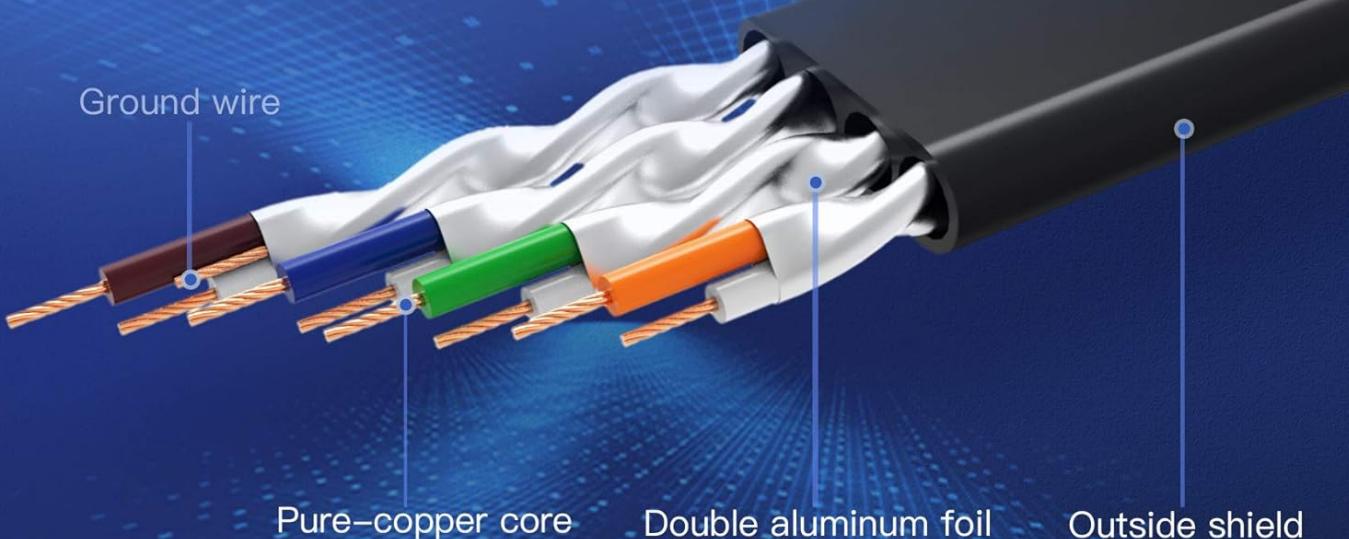
- Identify Ports:** Locate the Ethernet (RJ45) ports on your network devices (e.g., router, modem, computer, gaming console).
- Connect First Device:** Insert one end of the VENTION Cat 7 Ethernet Cable into an available Ethernet port on your first device (e.g., router). Ensure the connector clicks securely into place.
- Connect Second Device:** Insert the other end of the Ethernet cable into an available Ethernet port on your second device (e.g., computer). Ensure it clicks securely.
- Verify Connection:** Most devices will automatically detect the network connection. Check for network activity lights on your devices or verify network status in your operating system settings.

Your browser does not support the video tag.

Video: Demonstrates connecting the VENTION Cat 7 Ethernet Cable to a router and a laptop for network access.

Aluminum-foil-shielded Wire

Multi-protection provides less signal losses and higher speed transmission



Ground wire

Pure-copper core

Double aluminum foil

Outside shield

Transmission Bandwidth Contrast

100MHz	Cat 5
250MHz	Cat 6
600MHz	Cat 7

PS: All data are from Vention laboratory

Image: Illustrates the wide range of devices compatible with the VENTION Cat 7 Ethernet Cable, including desktops, laptops, routers, switches, ADSL modems, and standard modems.

OPERATING INSTRUCTIONS

Once connected, the VENTION Cat 7 Ethernet Cable operates automatically, providing a wired network connection between your devices. No additional software or configuration is typically required for basic operation.

- For optimal performance, ensure both connected devices support Gigabit Ethernet or higher.
- Avoid sharp bends or kinks in the cable to prevent damage and maintain signal integrity.
- The flat design allows for routing under carpets or along baseboards for a neat installation.

Slim and Comfortable Priority Selection

The flat body is 2.5mm only suitable for hiding in narrow spaces such as carpets door seams and corners More convenient to integrate with the home environment



Image: Depicts a user enjoying a gaming experience with the VENTION Cat 7 Ethernet Cable, highlighting its 10 Gigabit speed for no delay in gaming, faster downloads, and smoother viewing.

Fast Surfing Speed

Data transmission speed up to 10Gbps



Image: Shows the slim, flat design of the VENTION Cat 7 Ethernet Cable, illustrating how it can be discreetly routed under a door or carpet.

Wide Applicability

Perfect for devices with RJ45 connector such as set-top box
switch hub ADSL router MODEM etc

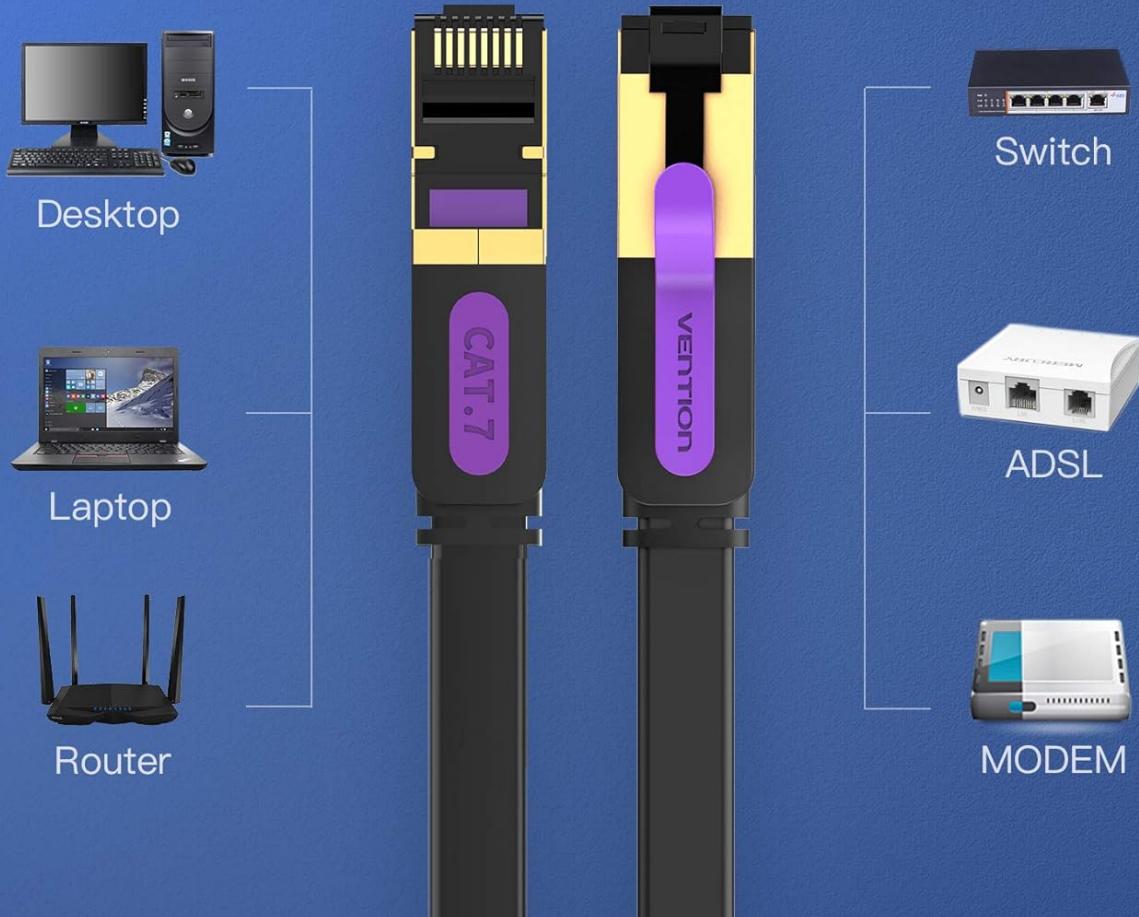


Image: A laptop connected to the internet via the VENTION Cat 7 Ethernet Cable, demonstrating fast surfing speed.

MAINTENANCE

The VENTION Cat 7 Ethernet Cable requires minimal maintenance to ensure long-term performance.

- **Cleaning:** If necessary, gently wipe the cable and connectors with a dry, soft cloth. Avoid using liquid cleaners directly on the connectors.
- **Storage:** When not in use, store the cable in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent internal damage.
- **Handling:** Always grasp the RJ45 connector housing when plugging or unplugging the cable, rather than pulling on the cable itself, to prevent damage to the connector or cable wires.

TROUBLESHOOTING

- **No Network Connection:**

- Ensure both ends of the Ethernet cable are securely plugged into their respective ports.
- Check if the network devices (router, modem, computer) are powered on and functioning correctly.
- Try using a different Ethernet port on your devices.
- Test the cable with another device or use a different Ethernet cable to rule out cable issues.

- **Slow Network Speed:**

- Verify that your network devices (router, modem, network adapter) support 10Gbps speeds.
- Ensure the cable is not damaged, kinked, or bent sharply.
- Minimize electromagnetic interference by keeping the cable away from power lines or other electronic devices.
- Check your internet service provider's speed and ensure it matches your expectations.

- **Intermittent Connection:**

- Ensure connectors are clean and free of debris.
- Check for any physical damage to the cable or connectors.
- Restart your network devices (modem, router) and the connected computer/device.

SPECIFICATIONS

Feature	Detail
Model Number	ICABF
Cable Category	Cat 7
Connector Type	RJ45 (Male-to-Male)
Data Transfer Rate	Up to 10 Gigabits Per Second (10Gbps)
Bandwidth	600 MHz
Cable Type	Flat Ethernet Cable
Shielding	Double Shielded (Aluminum Foil & Woven Metal Mesh)
Conductor Material	Pure Copper Core
Connector Contacts	Gold-Plated
Compatible Devices	Laptop, Modem, PC, Printer, Router, Television, Xbox, Network Set-top Boxes, Switches, Hubs, ADSL
Environmental Compliance	IEEE, RoHS
Usage Environment	Indoor, Outdoor

8P8C

Pure Copper Contacts

8P8C pure copper contacts are connected in a single row to maintain good transmission stability

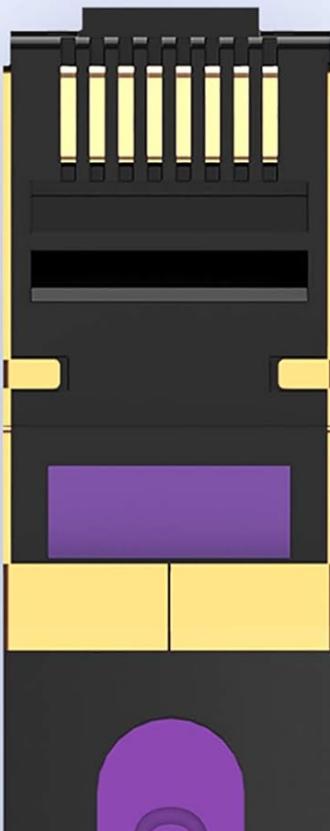


Image: Cross-section view of the VENTION Cat 7 Ethernet Cable, illustrating its aluminum-foil-shielded wires, ground wire, pure-copper core, double aluminum foil, and outside shield for multi-protection and higher speed transmission.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official VENTION website or contact VENTION customer service directly. Keep your purchase receipt for warranty claims.

Contact Information: Please visit [the VENTION Official Store on Amazon](#) for further assistance or product information.