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Estink Estinkgtp2gx489z



Copper Cable for Video Door Intercom

INSTRUCTION MANUAL

Model: Estinkgtp2gx489z

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Estink 6-Core Copper Cable for Video Door Intercom Systems. Designed for reliable video intercommunication, this flexible copper cable ensures stable signal transmission between your video door intercom and camera system. Please read this manual thoroughly before use to ensure optimal performance and safety.

2. Product Features

- **Stable Intercommunication:** Soft copper wire provides a stable environment for videophone intercommunication between you and your family.
- **Durable Construction:** Made of high-quality copper material for enhanced durability and stability.
- **Safety Insulation:** Features a white PVC insulation shell for effective safety protection.
- **Convenient Connectivity:** Equipped with pre-connected cable connectors for easy and convenient installation.
- **Spare Connectors:** Each cable includes 2 spare cable connectors for emergency replacements or future needs.



Image 1: The Estink 6-Core Copper Cable, coiled for packaging, showing its white PVC insulation and pre-connected multi-colored wire connectors.

3. Setup and Installation

The Estink 6-Core Copper Cable is designed for straightforward installation due to its pre-connected cable connectors. Follow these general steps for integration into your video door intercom system:

- 1. System Compatibility:** Ensure your video door intercom and camera system are compatible with a 6-core cable connection.
- 2. Power Off:** Before connecting, always ensure that all power to the video intercom system and associated devices is turned off to prevent electrical hazards.
- 3. Connect Cable:** Carefully insert the pre-connected cable connectors into the corresponding ports on your video door intercom unit and the camera system. Ensure a firm and secure connection. The multi-colored wires within the connector should align with the system's wiring diagram.
- 4. Secure Wiring:** Route the cable neatly and securely, avoiding sharp bends or areas where it could be pinched or damaged. Use cable clips or ties if necessary.
- 5. Power On:** Once all connections are secure, restore power to your video intercom system.
- 6. Test Functionality:** Test the video and audio intercommunication to confirm proper signal transmission.



Image 2: A view of the coiled cable, highlighting both ends with their pre-attached connectors, ready for installation.

4. Operating Principles

This copper cable serves as the vital conduit for transmitting video and audio signals within your door intercom system. Its 6-core design allows for dedicated pathways for various signals, ensuring clear and stable communication. Once properly connected, the cable facilitates:

- **Video Signal Transmission:** Carries the video feed from the outdoor camera unit to the indoor monitor.
- **Audio Signal Transmission:** Transmits two-way audio for conversation between the indoor and outdoor units.
- **Power Supply:** May carry low-voltage power to components, depending on your intercom system's design.
- **Control Signals:** Facilitates control signals for functions such as door unlocking.

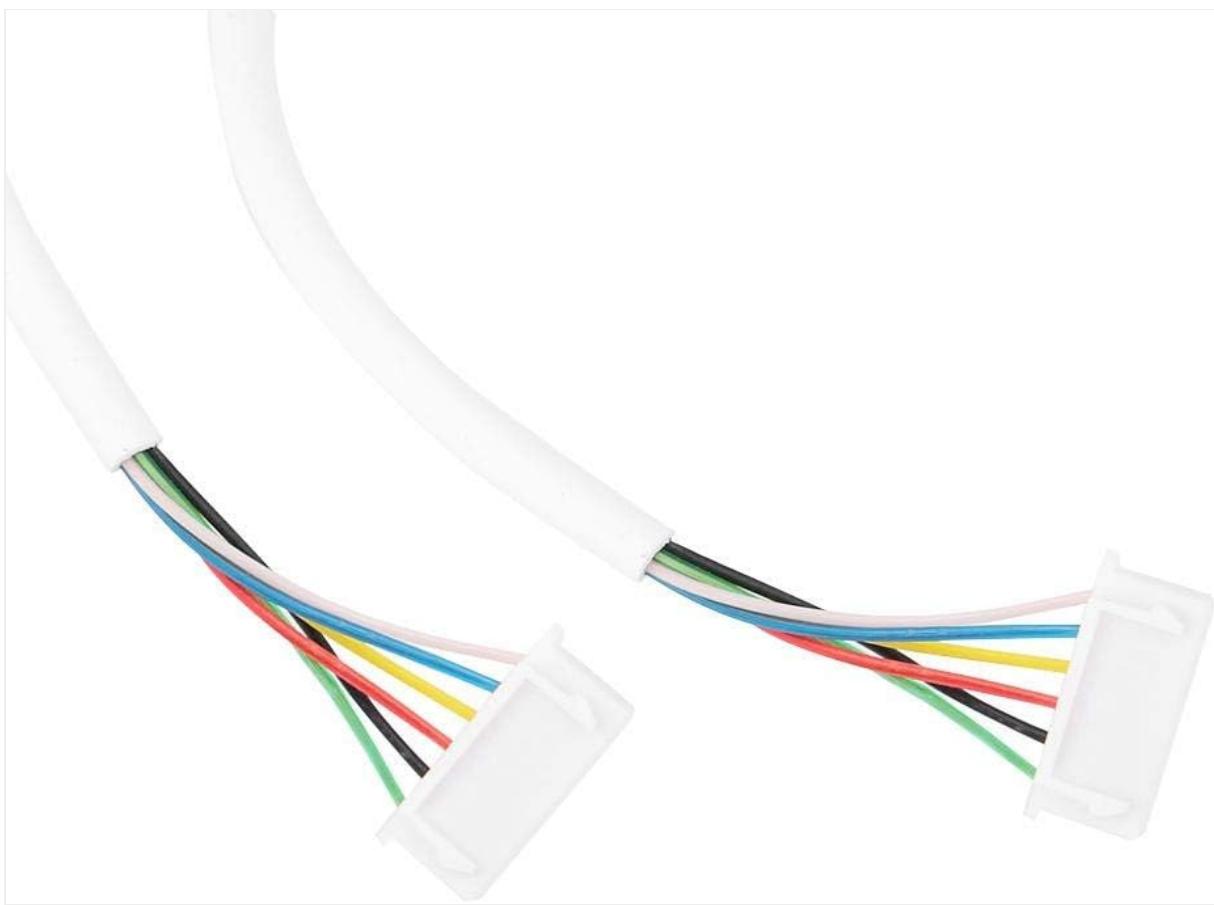


Image 3: A detailed close-up of the cable's pre-connected terminals, showing the individual colored wires (red, blue, green, yellow, black, light blue) that make up the 6 cores.

5. Maintenance and Care

To ensure the longevity and optimal performance of your copper cable, follow these maintenance guidelines:

- **Regular Inspection:** Periodically inspect the cable for any signs of physical damage, such as cuts, abrasions, or kinks.
- **Cleanliness:** Keep the cable and its connectors free from dust, dirt, and moisture. Use a soft, dry cloth for cleaning.
- **Avoid Stress:** Do not pull, twist, or bend the cable excessively, especially near the connectors, as this can damage the internal wires.
- **Environmental Protection:** If the cable is installed outdoors, ensure it is protected from direct exposure to extreme weather conditions, prolonged sunlight, or pests that could chew on it.
- **Secure Connections:** Ensure that the connectors remain firmly seated in their respective ports. Loose connections can lead to signal degradation.

6. Troubleshooting

If you experience issues with your video door intercom system, consider the following troubleshooting steps related to the cable:

- **No Video/Audio:**
 - Check if the cable connectors are securely plugged into both the intercom unit and the camera system.

- Ensure that the power to the entire system is on.
- Inspect the cable for any visible damage (cuts, severe kinks). A damaged cable may need replacement.

- **Poor Video/Audio Quality (Fuzzy, Static, Intermittent):**

- **Cable Length and Thickness:** The length and thickness (diameter) of the cable significantly affect the quality of transmitted image and sound. Refer to the recommended guidelines below:

Length	Recommended Diameter
0-30 m	0.3 mm ²
30-50 m	0.5 mm ²
50-80 m	0.8 mm ²
80-100 m	1.0 mm ²

Note: Using a cable with insufficient diameter for its length can lead to signal loss and degraded performance.

- Ensure there are no strong electromagnetic interference sources near the cable.
- Check for any loose or corroded connections at the cable ends.
- **Cable Damage:** If the cable insulation is compromised or wires are exposed, replace the cable immediately to prevent short circuits or electrical hazards. Utilize the provided spare connectors if only a connector is damaged.

7. Specifications

Attribute	Detail
Brand	Estink
Model Number	Estinkgtp2gx489z
Material	ABS + Copper
Color	White
Shape	Round
Length	Approx. 5 m (196.9 in)
Diameter	0.3 mm ²
Cores	6-Core
Item Weight	3.74 ounces
Included Components	1 * 6-Core 5 m Cable, 2 * Spare Cable Connectors
First Available Date	August 28, 2020

8. Warranty and Support

For warranty information or technical support regarding your Estink Copper Cable, please refer to the product packaging or contact Estink customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Contact Information: Please visit the official Estink website or refer to the contact details provided with your product for support.

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