

flexman flexmanp9fusz6kd0

flexman 4-Pin Electrical Wire Connector User Manual

Model: flexmanp9fusz6kd0

INTRODUCTION

This manual provides instructions for the safe and effective use of the flexman 4-Pin Electrical Wire Connector. This product is designed for connecting LED strip lights and similar low-voltage electrical components, offering a reliable and easy-to-use connection solution. Please read this manual thoroughly before installation and operation.

SAFETY INFORMATION

- Always ensure power is disconnected before making any electrical connections to prevent electric shock.
- Do not exceed the specified voltage or current ratings for the connectors or connected devices.
- Use appropriate tools and follow local electrical codes and regulations.
- Keep connectors dry and away from moisture.
- Inspect connectors for damage before use. Do not use damaged connectors.

PACKAGE CONTENTS

The flexman 4-Pin Electrical Wire Connector package includes the following items:

- 50 x Female 4-Pin Connector Cables (approx. 10cm / 3.9in each)
- 50 x Male 4-Pin Connector Cables (approx. 10cm / 3.9in each)



Image: A pair of male and female 4-pin connector cables, representative of the 50 pairs included in the package.

SPECIFICATIONS

Feature	Description
Item Type	Connector Cable
Number of Cores	4 Pin
Cable Length	Approx. 10cm / 3.9in
Standard Wire Gauge	22AWG
Contacts Material	Tinned Copper Core
Insulation Material	PVC
Product Dimensions	5.51"D x 3.93"W x 1.57"H (Packaging)
Material Type	Copper, Plastic
Model Number	flexmanp9fusz6kd0

SETUP

These 4-pin connectors are designed for straightforward electrical connections, particularly for LED strip lights. Follow these steps for proper setup:

1. **Prepare Wires:** Ensure the wires you intend to connect are stripped to an appropriate length (approximately 3-5mm) to expose the copper core. The connectors are designed for 22AWG wires.
2. **Identify Connector Types:** The package includes both male and female connectors. The male connector has pins, and the female connector has receptacles for the pins.
3. **Connect to Device:** If connecting to an LED strip light or other component, ensure the polarity (positive/negative) and color coding of the wires match the requirements of your device. For RGB LED strips, typically Red, Green, Blue, and a common positive wire are used.
4. **Secure Connection:** Align the male connector with the female connector. Gently push them together until they click or feel securely seated. Ensure all 4 pins are properly engaged.

Including male and female cable,
easy to connect

The connector cable can fit for LED
strip light

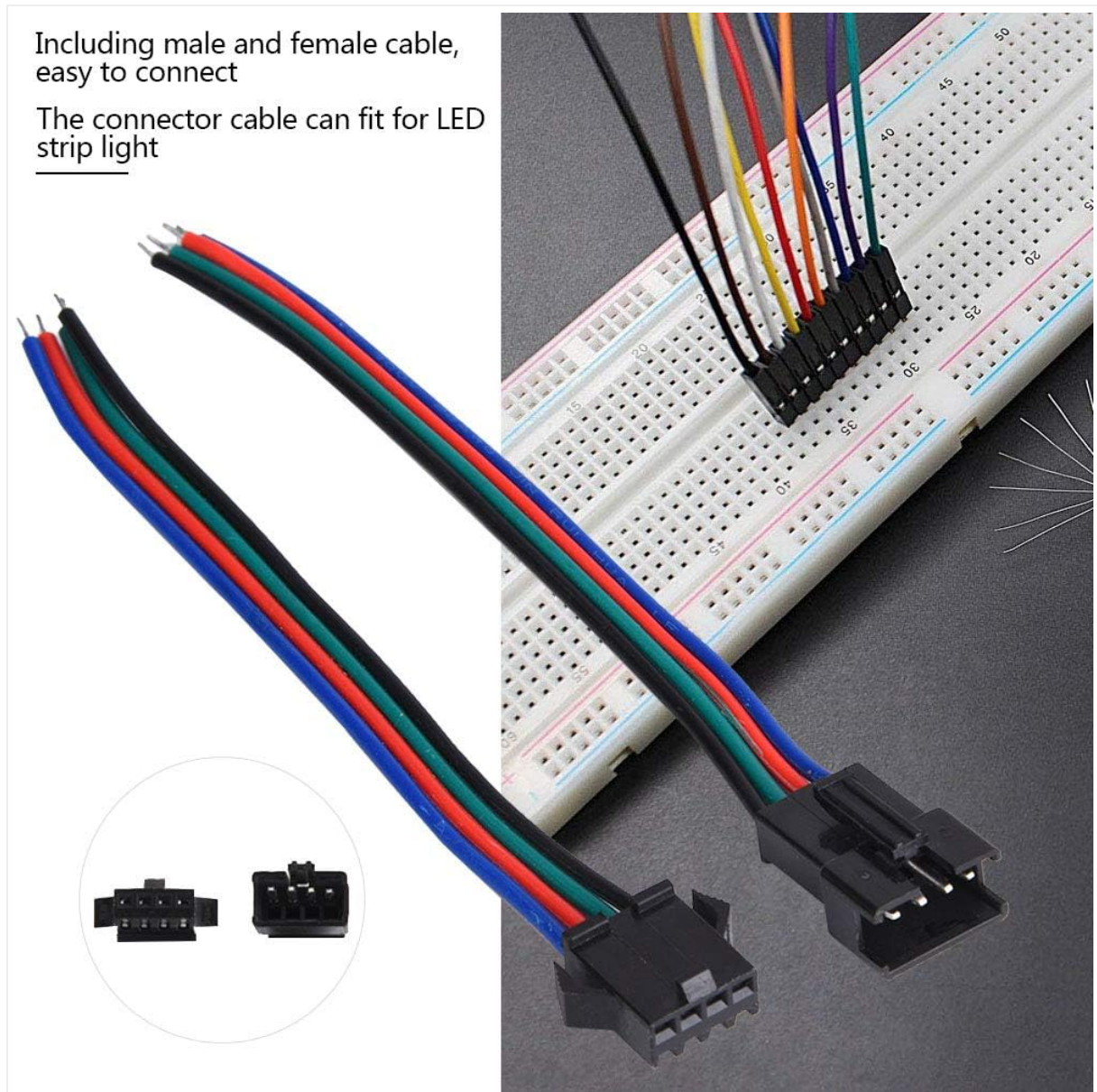


Image: A male and female 4-pin connector cable, illustrating how they are designed to fit together for an easy connection.



Image: A close-up view of the male and female 4-pin connectors, showing the tinned copper core wires and the connector housing.

OPERATING INSTRUCTIONS

Once the flexman 4-Pin Electrical Wire Connectors are properly installed and secured, they facilitate the electrical connection between your power source and the intended device, such as an LED strip light.

- **Power On:** After all connections are made and verified, you may apply power to the circuit.
- **Functionality Check:** Observe the connected device (e.g., LED strip light) to ensure it functions as expected. If using with RGB LED strips, verify that all colors and modes operate correctly.
- **Secure Placement:** Ensure the connected cables are not under tension or in a position where they could be easily pulled apart or damaged.

MAINTENANCE

The flexman 4-Pin Electrical Wire Connectors require minimal maintenance. Adhering to these guidelines will help ensure their longevity and reliable performance:

- **Regular Inspection:** Periodically check the connectors for any signs of wear, corrosion, or damage.
- **Cleaning:** If necessary, gently clean the exterior of the connectors with a dry, soft cloth. Do not use liquids or abrasive cleaners.
- **Environmental Protection:** Avoid exposing the connectors to extreme temperatures, direct sunlight for prolonged periods, or environments with high humidity or corrosive substances.
- **Storage:** When not in use, store connectors in a dry, cool place, away from direct sunlight and out of reach.

of children.

TROUBLESHOOTING

If you encounter issues with your flexman 4-Pin Electrical Wire Connectors, consider the following troubleshooting steps:

- **No Power/Intermittent Connection:**
 - Ensure the male and female connectors are fully seated and securely connected.
 - Check the wiring for proper stripping and secure contact with the tinned copper core.
 - Verify that the power source is active and providing the correct voltage.
 - Inspect the wires and connectors for any visible damage or breaks.
- **Incorrect Polarity/Color Output (for RGB LED strips):**
 - Double-check that the wires from the LED strip or device are connected to the corresponding pins on the connector (e.g., Red to Red, Green to Green, Blue to Blue, Common to Common).
 - Ensure the power supply's output matches the input requirements of the LED strip.
- **Loose Connection:**
 - If a connection feels loose, disconnect and reconnect firmly.
 - If the connector is damaged and cannot hold a secure connection, replace it.

If problems persist after following these steps, consult a qualified electrician or contact customer support.

WARRANTY AND SUPPORT

flexman products are manufactured to high-quality standards. For specific warranty information, please refer to the product packaging or the retailer's terms of sale at the time of purchase. For technical support or inquiries, please contact your point of purchase or visit the flexman official website for contact details.