DEWIN DEWIN9ow3yi4ug0

DEWIN Wire Ferrules Connectors Terminals Kit Instruction Manual

Model: DEWIN9ow3yi4ug0

Introduction

This manual provides essential instructions for the safe and effective use of your DEWIN 1200 Pcs Wire Ferrules Connectors Terminals Kit. Please read this manual thoroughly before using the product to ensure proper application and to maximize the lifespan of the terminals.



Image: Example of wire ferrules connected to a circuit board, demonstrating their application in electrical wiring.

Setup and Kit Contents

Your DEWIN Wire Ferrules Kit includes 1200 pieces of cold-pressed copper tube terminals in 8 different sizes, organized in a clear storage box. Each ferrule size is color-coded for easy identification.

Kit Organization

The storage box is designed to keep the ferrules sorted by size and color. Refer to the lid or internal labels for specific counts and sizes of each type.



Image: The DEWIN Wire Ferrules Kit in its transparent storage box, showing the organized compartments for different ferrule sizes and colors.

Understanding Ferrule Sizes

The kit contains ferrules suitable for wire gauges ranging from 22 AWG to 8 AWG. Each size corresponds to a specific wire diameter and is typically indicated by color and markings on the ferrule itself.



Image: A selection of DEWIN wire ferrules in different sizes and colors, illustrating the variety included in the kit.

Operating Instructions

Follow these steps for proper installation of wire ferrules:

1. **Select the Correct Ferrule Size:** Choose a ferrule that matches the gauge of your wire. The ferrule should fit snugly over the stripped wire strands without being too loose or too tight. Refer to the dimensions chart for precise measurements.
2. **Strip the Wire:** Carefully strip approximately 8-12mm (0.31-0.47 inches) of insulation from the end of the wire. Ensure the wire strands are not damaged during stripping.
3. **Insert Wire into Ferrule:** Twist the stripped wire strands lightly to keep them together. Insert the twisted strands completely into the metal tube of the ferrule until the insulation meets the plastic collar.
4. **Crimp the Ferrule:** Use a suitable crimping tool designed for wire ferrules. Place the ferrule (with the wire inserted) into the correct crimping die of the tool. Apply firm, even pressure to crimp the ferrule securely onto the wire. A proper crimp should hold the wire firmly without damaging the ferrule or wire strands.
5. **Verify Connection:** Gently tug on the wire to ensure the ferrule is securely crimped and the connection is stable.

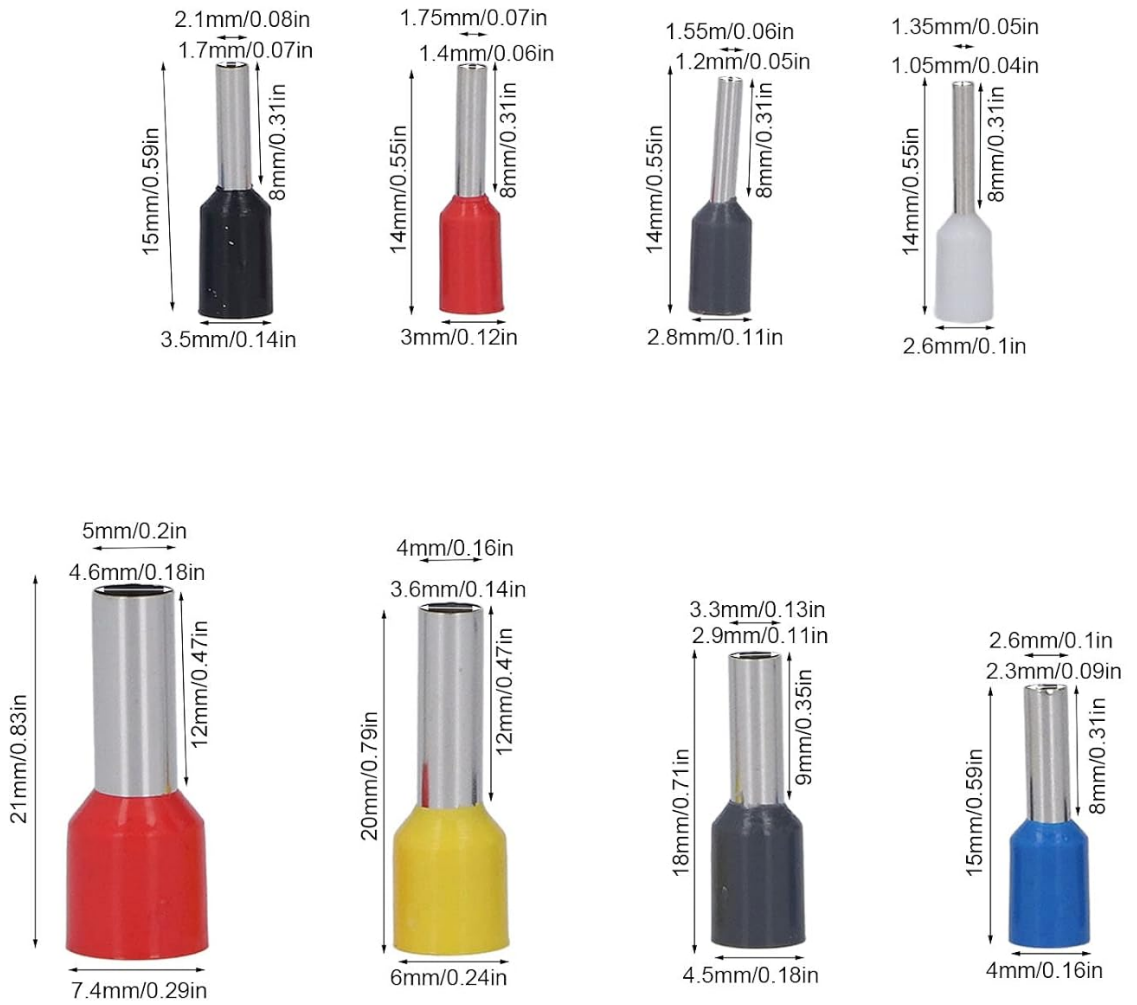
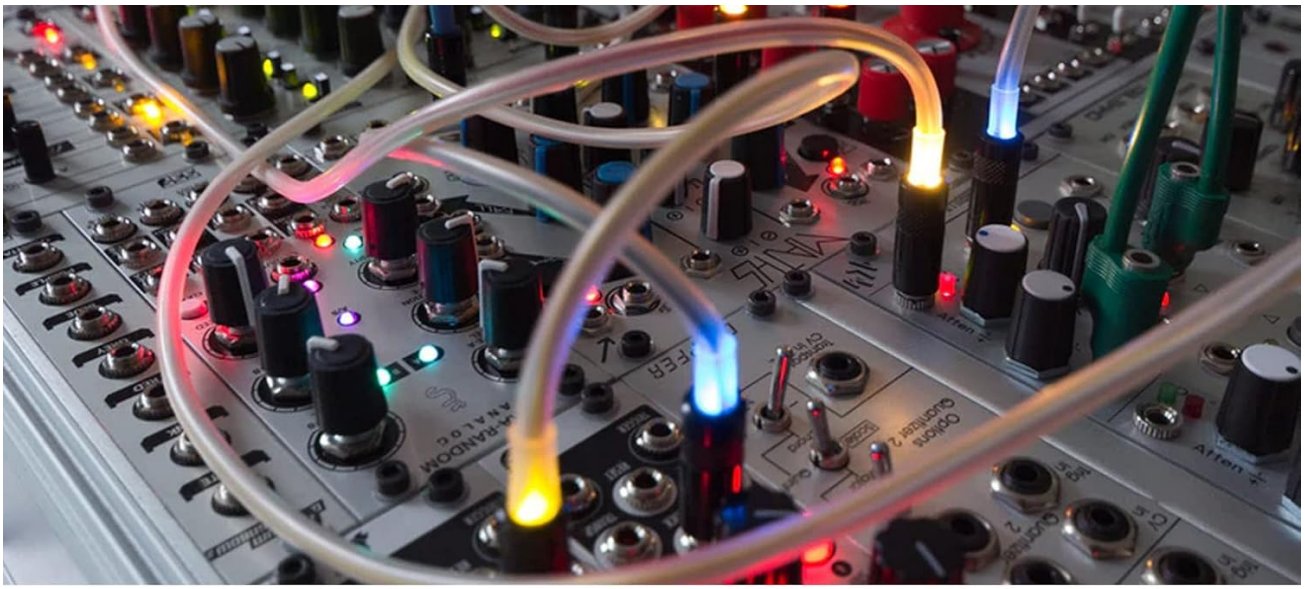


Image: A diagram illustrating the precise dimensions (length, diameter) of different ferrule sizes, crucial for selecting the correct fit.



Easy to store and carry,Made of high quality copper
Electroplating tip technology,Has better conductivity
Help you complete wiring quickly



Image: Multiple panels showing the process of crimping a ferrule onto a wire and its application in different electrical connections.





Image: Examples of wire ferrules used in different electrical contexts, such as device switches, batteries, and electronic components.

Maintenance

Proper maintenance ensures the longevity and usability of your ferrule kit.

- **Storage:** Always store the ferrules in their original compartmentalized box in a dry, cool environment. This prevents mixing of sizes and protects the copper from oxidation and dust.
- **Handling:** Avoid exposing ferrules to corrosive chemicals or extreme temperatures, which can degrade the insulation material or affect the copper's conductivity.



Image: A close-up view of the ferrules within their designated compartments in the storage box, highlighting organized storage.

Troubleshooting

If you encounter issues during the use of your wire ferrules, consider the following:

- **Loose Connection:** If the ferrule feels loose after crimping, ensure you selected the correct ferrule size for your wire gauge. The crimping tool may also need adjustment or replacement if it's not applying sufficient pressure.
- **Wire Strands Fraying:** This can occur if the wire is stripped too long or if the ferrule size is too small. Ensure the stripped length matches the ferrule's metal tube length and that the ferrule diameter is appropriate for the wire.
- **Difficulty Inserting Wire:** If the wire does not easily fit into the ferrule, check if the wire strands are twisted tightly enough or if the ferrule size is too small for the wire gauge.

Specifications

Key technical specifications for the DEWIN Wire Ferrules Connectors Terminals Kit:

Feature	Specification
Brand	DEWIN
Model Number	DEWIN9ow3yi4ug0
Quantity	1200 Pcs
Wire Gauge Range	22 AWG to 8 AWG
Connector Type	Crimp, Screw
Contact Material	Copper
Insulation Material	Polyvinyl Chloride
Temperature Rating	150 °C
Item Weight	200 g

Warranty and Support

For any questions regarding the DEWIN Wire Ferrules Connectors Terminals Kit, or for support with product issues, please contact the seller or manufacturer directly through your purchase platform. Keep your purchase receipt for warranty claims, if applicable.