

Parts Express 43237-2

Parts Express Cable Pants 14mm 2-Conductor Instruction Manual

Model: 43237-2

INTRODUCTION

The Parts Express 14mm 2-Conductor Cable Pants are designed to provide a clean, professional finish to your custom-built cables, particularly speaker cables. These accessories help to separate and protect the individual conductors at the termination point, enhancing both appearance and durability. This manual provides instructions for proper installation and usage.

SETUP AND INSTALLATION

Follow these steps to properly install the cable pants on your 2-conductor cables:

1. **Prepare the Cable:** Ensure your cable is cut to the desired length and the outer jacket is stripped back appropriately to expose the two individual conductors. The length of the exposed conductors should be sufficient for your chosen termination method (e.g., banana plugs, spade connectors).
2. **Slide the Cable Pant:** Before terminating the conductors, slide the wider end of the cable pant over the main cable jacket. Push it up until it sits snugly against the point where the outer jacket splits into the two conductors.
3. **Position Conductors:** Guide each individual conductor through one of the two narrower openings of the cable pant. Ensure the cable pant fully covers the split point of the cable jacket.
4. **Terminate Conductors:** Proceed with your chosen termination method for each conductor (e.g., crimping, soldering).
5. **Secure the Cable Pant:** Once the conductors are terminated, adjust the cable pant to ensure it is seated correctly and provides a neat transition from the main cable to the individual conductors. Heat shrink tubing can be applied over the ends of the cable pant and the cable jacket for a more secure and sealed fit, if desired.



Image: A 14mm 2-conductor cable pant installed on a speaker cable, showing the main cable jacket transitioning into two separate conductors, each with a banana plug termination. The cable pant provides a clean, protective split.

FUNCTION AND OPERATING PRINCIPLES

These cable pants are passive components designed to organize and protect cable conductors. Once installed, they maintain the separation of the two conductors, preventing tangling and providing strain relief at the cable split. They do not require power or active operation. Their primary function is to provide a durable and aesthetically pleasing finish to custom cable assemblies.

MAINTENANCE

Parts Express cable pants require minimal maintenance. Periodically inspect the cable pants for any signs of wear, cracking, or damage, especially if the cables are frequently moved or subjected to stress. If damage is observed, consider replacing the cable pant to maintain protection and appearance. Clean with a soft, dry cloth if necessary.

TROUBLESHOOTING

- **Cable pant does not fit:** Ensure the cable diameter matches the 14mm specification of the cable

pant. If the cable is too thick, the pant may not slide on. If it's too thin, it may be loose. Verify you have the correct size for your cable.

- **Loose fit:** If the cable pant is slightly loose, applying heat shrink tubing over the junction points can help secure it and provide a tighter seal.
- **Difficulty sliding:** Ensure the cable jacket is clean and free of debris. A small amount of lubricant (e.g., silicone spray) can be used sparingly if needed, but ensure it is compatible with cable jacket materials.

SPECIFICATIONS

Brand	Parts Express
Model Number	43237-2
Conductor Count	2
Diameter	14mm
Color	Black
Material	Copper (referring to the intended cable material)
Item Weight	0.08 Pounds (per pack of 10)

SUPPORT AND WARRANTY

For technical assistance or inquiries regarding this product, please contact Parts Express customer support. Information regarding product warranty, if applicable, can be found on the official Parts Express website or by contacting their customer service department directly. Please retain your proof of purchase for warranty claims.