

Panduit LWC100-A-L

Panduit LWC100-A-L Latching Wire Clip User Manual

Comprehensive guide for installation, operation, and maintenance.

1. INTRODUCTION

The Panduit LWC100-A-L Latching Wire Clip is designed for efficient and secure management of electrical cables and wires. This clip features a durable nylon 6.6 construction and an adhesive-backed mounting base, allowing for flexible installation on various surfaces. Its unique latching mechanism enables easy attachment and detachment of cables without disturbing the mounted clip.

Key features include:

- Route and secure cords and cables effectively.
- Convenient releasable latch for easy cable access.
- Available in multiple sizes to accommodate various bundle diameters.
- Rubber-based adhesive provides a strong and reliable bond.
- UL Recognized for quality assurance, ensuring product reliability.

2. SETUP AND INSTALLATION

Proper installation ensures optimal performance and longevity of the wire clip. Follow these steps for secure mounting:

1. **Surface Preparation:** Ensure the mounting surface is clean, dry, and free of dust, grease, or any contaminants. For best adhesion, clean the surface with an appropriate cleaner and allow it to dry completely.
2. **Peel Adhesive Backing:** Carefully peel off the protective liner from the rubber adhesive foam tape on the back of the wire clip. Avoid touching the adhesive surface to maintain its bonding strength.
3. **Positioning:** Place the wire clip firmly onto the desired surface. Apply even pressure across the entire adhesive base for at least 30 seconds to ensure a strong bond. The rubber adhesive foam tape is designed for conformable contact with uneven surfaces.
4. **Curing Time:** Allow the adhesive to cure for a recommended period (typically 24 hours) before applying significant load or routing cables, to achieve maximum bond strength.



Figure 2.1: Front view of the Panduit LWC100-A-L Latching Wire Clip, showing its natural color and adhesive base. This image illustrates the product's design for securing cables.

3. OPERATING INSTRUCTIONS

The latching wire clip provides a simple and effective way to manage cables. Follow these instructions for use:

1. **Opening the Latch:** To insert or remove cables, gently press the top part of the latching mechanism. This will release the latch, allowing the clip to open.
2. **Inserting Cables:** Place the cables or wires into the open clip. Ensure the bundle diameter does not exceed the clip's maximum capacity (1.00-inch for this model) to prevent damage or improper closure.
3. **Closing the Latch:** Once cables are positioned, press the latch firmly until it clicks into place, securing the cables within the clip.
4. **Releasing Cables:** To remove or adjust cables, simply press the latch again to open the clip. This allows for easy modification of cable routing without needing to remove the entire clip from its mounted surface.

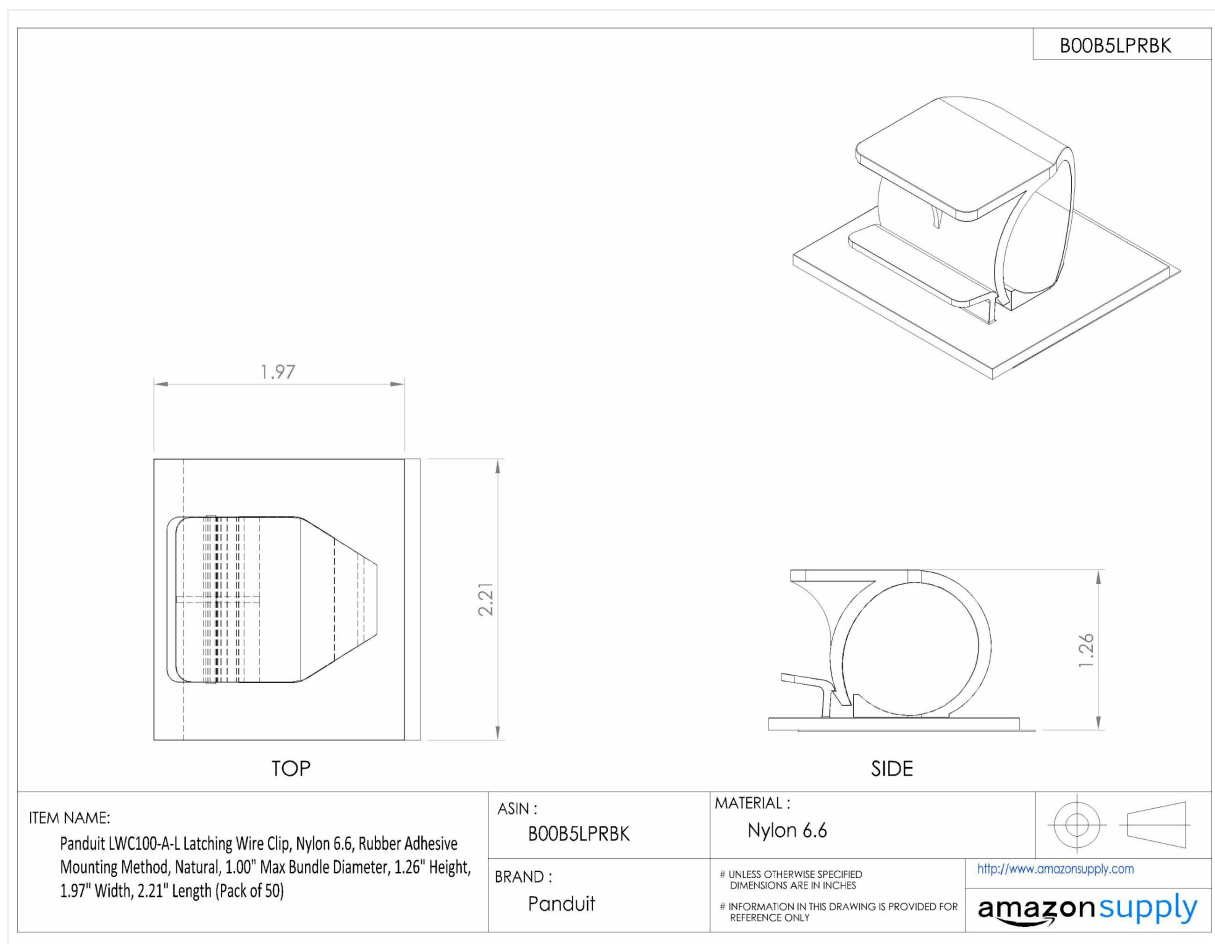


Figure 3.1: Technical diagram illustrating the top and side dimensions of the Panduit LWC100-A-L Latching Wire Clip. This provides precise measurements for planning cable routing and installation.

4. MAINTENANCE

The Panduit LWC100-A-L Latching Wire Clip requires minimal maintenance. To ensure its continued performance and appearance:

- **Cleaning:** If necessary, gently wipe the clip with a soft, damp cloth to remove dust or light grime. Avoid using harsh chemicals or abrasive cleaners, as these may damage the nylon material or the adhesive.
- **Inspection:** Periodically inspect the clip and its adhesive bond to ensure it remains securely attached to the surface and the latching mechanism operates smoothly.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with the Panduit LWC100-A-L Latching Wire Clip.

Problem	Possible Cause	Solution
Clip does not adhere properly to surface.	Surface was not clean or dry; insufficient pressure applied during installation; adhesive not fully cured.	Ensure surface is thoroughly cleaned and dry before application. Apply firm, even pressure for at least 30 seconds. Allow 24 hours for adhesive to cure before loading. If necessary, replace the clip.

Problem	Possible Cause	Solution
Latching mechanism is stiff or does not close.	Excessive cable bundle size; debris in the latch mechanism.	Ensure cable bundle diameter does not exceed 1.00 inch. Check for and remove any debris obstructing the latch.
Cables fall out of the clip.	Latching mechanism not fully closed; bundle too small for secure fit; clip damaged.	Ensure the latch clicks securely into place. Verify the cable bundle size is appropriate for the clip. If the clip is damaged, replace it.

6. SPECIFICATIONS

Attribute	Detail
Model Number	LWC100-A-L
Material	Nylon 6.6
Mounting Type	Adhesive Backed (Rubber Adhesive Foam Tape)
Maximum Bundle Diameter	1.00-Inch
Color	Natural
Package Quantity	50-Pack
Compliance	UL Recognized, RoHS Compliant
Package Dimensions	12.5 x 11.4 x 3.1 inches
Item Weight	1.45 Pounds


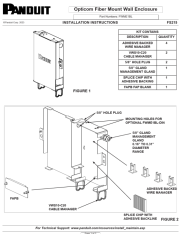
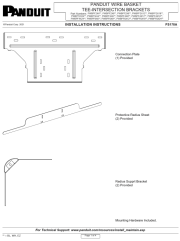
7. WARRANTY INFORMATION

Panduit products are manufactured to high-quality standards. Specific warranty terms and conditions for the LWC100-A-L Latching Wire Clip are typically provided by the manufacturer at the time of purchase or can be found on the official Panduit website. Please refer to the documentation included with your purchase or visit the Panduit website for detailed warranty information.

8. SUPPORT

For technical assistance, product inquiries, or further support regarding your Panduit LWC100-A-L Latching Wire Clip, please contact Panduit customer service or visit their official website. You can find more information and contact details by visiting the [Panduit Store on Amazon](#) or their corporate website.

Related Documents - LWC100-A-L

	<p>Panduit LS3E Pan-Quik Printer: Operator Manual and User Guide</p> <p>This operator manual provides comprehensive instructions for the Panduit Pan-Quik™ LS3E label printer, covering setup, operation, troubleshooting, and advanced features for creating custom labels.</p>
	<p>Panduit Wire Basket Tee-Intersection Brackets Installation Guide</p> <p>Detailed installation instructions for Panduit Wire Basket Tee-Intersection Brackets (FS178A). Covers component identification, wire basket preparation, assembly steps, and technical support contact information for Panduit products.</p>
	<p>Panduit Cable Ties: Comprehensive Product Selection Guide & Material Criteria</p> <p>Explore Panduit's extensive range of cable ties, including Pan-Ty®, Super-Grip®, Dura-Ty™, and more. This guide details product styles, cross-sections, material selection criteria, installation tools, and industry approvals for electrical, industrial, and networking applications.</p>
	<p>Panduit Opticom Fiber Mount Wall Enclosure Installation Instructions</p> <p>Detailed installation instructions for the Panduit Opticom Fiber Mount Wall Enclosure (Part Numbers: FWME1BL, FS215). Includes kit contents, component descriptions, and mounting guidance.</p>
	<p>Panduit Wire Basket Cable Tray Routing System: Specifications and Ordering Guide</p> <p>Comprehensive specification sheet and ordering guide for Panduit Wire Basket Cable Tray Routing Systems, detailing features, technical information, applications, and part numbers for pathway sections, splices, mounting brackets, and accessories.</p>
	<p>Panduit Wire Basket Tee-Intersection Brackets Installation Guide</p> <p>Installation instructions for Panduit Wire Basket Tee-Intersection Brackets, including part numbers, components, and assembly steps for various sizes.</p>