

Fiber Optic Strippers



Summary of Content

Using the right fiber optic stripper and proper technique is essential to remove coatings without nicking or scratching the delicate glass core.

Types of Fiber Optic Strippers

Mechanical Strippers: These are handheld tools with precision-ground notches designed for specific fiber diameters, typically 125 μm cladding with 250 μm coating. They are ideal for standard telecommunication fibers and can also handle specialty fibers with thinner coatings . **Thermal Strippers:** These use controlled heat to soften the fiber coating, allowing gentle removal without applying excessive force. Adjustable temperature and timing settings help prevent micro-cracks or stress fractures in the fiber . **Automated and Plasma-Assisted Strippers:** Fully automated devices can perform end or window stripping with minimal contact, even on large-diameter buffers up to 1200 μm . These systems maintain fiber strength and reduce the risk of damage during high-volume or precision applications .

Best Practices to Prevent Fiber Damage

- **Use the Correct Tool:** Avoid generic wire strippers or blades, which can create microscopic nicks, scratches, or stress fractures, leading to signal loss or connection failure .
- **Match Fiber Diameter:** Ensure the stripper's notch or hole size matches the fiber's coating diameter to avoid over-compression or incomplete stripping .
- **Minimal Force:** Apply only the necessary force; thermal or battery-powered strippers reduce manual effort and prevent accidental fiber breakage .

Article Content

Optical Fiber Strippers

We have the right tool for every fiber and every cladding. Our range of optical Fiber Stripping Tools

Jonard Tools manufactures a large range of fiber optic stripping tools specifically designed for technicians in the fiber optics industry.

AFL Precision Strip Tool: Fast, Simple, and Accurate F | AFL Global

AFL's Precision Strip is a fast, simple solution for stripping fiber without damage. This battery-powered, handheld stripper features an

Fiber Strippers – tools, mechanical, thermal, chemical, plasma,

Fiber strippers are precision tools that reliably and cleanly remove a defined length of coating (often 30–40 mm) from a fiber end so

Flyriver: Fiber Optic Strippers: A Comprehensive Guide

This guide explores the various types of fiber optic strippers, their applications, and the crucial techniques for their proper use. We'll

The Ultimate Optical Fiber Stripper Guide

Explore Optical Fiber Stripper types and uses. Learn pro techniques for precise stripping to ensure reliable network

Fiber Strippers

Our cutting-edge fiber stripping equipment is specifically designed for fiber optic coating removal, and we offer a comprehensive

Optical Fiber Strippers

We have the right tool for every fiber and every cladding. Our range of optical fiber strippers extends from handy, pocket-sized tools

Fiber Stripper

Fiber strippers and other fiber optic stripping tools with which you prepare your fibers for splicing. Thermal strippers with adjustable

Fiber Optic Strippers | Cable & Wire Stripping Tools

Precision fiber optic strippers and cable tools for fast, accurate buffer removal. Choose from a variety of reliable, cost-effective wire

Fiber and Cable Stripper – Types, Uses & Guide

Learn how to use fiber strippers, cable cutting scissors, and armored cable slitters.
Discover their applications in fiber

Contact Us

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