

# Hot strippers are prone to breakage when stripping bare fiber



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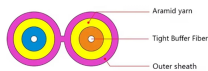
The Optical Fiber Cleaver is designed to score the fiber and then break it in a controlled manner, producing the ideal surface for fusion splicing. A poor cleave is one of the biggest sources of ...



A fiber stripper is a precision tool used to remove the protective polymer fiber coatings from an optical fiber. This process exposes the bare glass without scratching or nicking it, which is required for tasks ...



Regardless of the method used to strip the coating, it is important to use the correct tools and techniques to prevent damage to the bare glass. Ensuring the fiber is not damaged is critical to ...



Acrylate polymers are a group of polymers noted for their transparency, resistance to breakage, and elasticity. Acrylate polymer is commonly used as the primary coating for most standard optical fibers.



Cutting and stripping the cable jacket can be done with a special fiber stripper, or a properly set wire stripper, as long as it does not damage the fiber. Some fiber strippers have grooves for both the ...



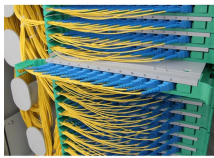
From removing the outer jacket to cleaning the bare fiber and achieving a perfect cleave, each stage demands attention to detail and the use of specialized tools. In this guide, we'll walk you through the ...



A common such method is to perform a 45-degree bend test on the fiber where, if the fiber OD had been "nicked" by the stripping tool, this bend would cause the fiber to break at the...



Even if the stripped fiber is kept free of damage during stripping and handling prior to inserting it into the ferrule, it is still very susceptible to breaking if it is not completely encapsulated in epoxy within the ...



Fiber is very touchy, and the tolerances are REALLY small. If it's too big, you won't be able to get the coating off. If it's too small, you'll nick the cladding, and the fiber will almost certainly break when ...



If a technician finds that they are continually breaking the fiber during stripping, the stripper needs adjusting. In most all cases fiber strippers can be have their stripping slot adjusted, usually with a ...

## Contact Us

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