

The outer sheath of optical cables is difficult to peel off



Overview

All fiber cables have outer jackets that need to be removed in order to terminate or access the fiber for cable drops. One tool that is commonly used is called a Round Cable Slitter or Ring. In your fiber optic cable assembly process, good stripping procedures are unquestionably essential. What happens if the fiber is damaged during the manufacturing process?

A small nick or scratch in the optical fiber acts as a time bomb. Eventually, this imperfection can initiate a crack when the. First, strip the outer sheath of the optical fiber with optical fiber strippers; remove the stripped outer sheath of the optical fiber; and finally, cut the exposed aramid fiber with cable-cutting scissors. Along with the different types of jackets, you also have different constructions of fiber optic cable, such as loose. To strip and clean outdoor FO cable, you have to start with the outer jacket.

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Sheath is another name for this flexible insulating material, which is usually made of soft plastic. OD is normally 2-3mm in diameter on single-fiber cables (as shown above) and can be ...



Good fiber optic stripping techniques in your cable assembly process are crucial. See best practices for how to strip fiber optic cable buffers & jackets.



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You're looking for a sheath splitter. Jonard FOD-2000 is the usual tool for this. Has 2 small blades that split the sheath next to the fibreglass strength members. If this is a one off, a sharp knife ...



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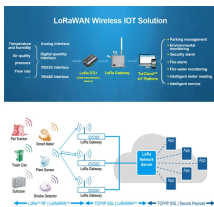
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Each type of fiber optic cable requires a special technique to remove the jacket, strength members and expose the fibers for splicing or termination. Many of the types of cable need special tools to remove ...



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When the aramid fiber in the optical cable is spliced, use fiber cable cutting scissors to cut it off. When cutting the outer optical cable, use a fiber cable stripper to peel off the loose insulation ...



Do not crush the cable or allow it to kink. Doing so may cause damage that can alter the transmission characteristics of the cable - the cable may have to be replaced.



To strip and clean outdoor FO cable, you have to start with the outer jacket. Step 1: Mark the armor (if the cable has armor) with the tip of your knife to note a length sufficient to expose the cable's ripcord, ...



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 ...



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This instruction manual is a step-by-step guide for end and mid-sheath access of armored fiber optic cables, including sheath removal, core preparation, and fiber preparation.



Below we will discuss some of the tools that will be useful to have in your tool box for removing the outer cable sheath so you can handle the variety of different jacket types and styles ...

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