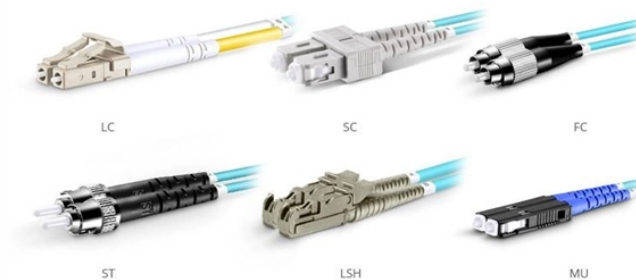


# What is the optimal stripping length for fusion splicing optical cables



OM3 Fiber Patch Cable Family

## Overview

The exposed length is preferably 5cm. The remaining fiber is naturally bent between the ring finger and the little finger to increase strength and prevent slipping. "Steady" means that the fiber stripping pliers should be held firmly. It is mainly used for the bare fiber part of single-core fiber. Firstly, it is important to consider that when stripping multi-layer cables for connectorization, each layer must usually be stripped individually, as they all usually need to be stripped to different lengths.

## What is the optimal stripping length for fusion splicing optical cable



In general, the recommended strip length will be between 10 and 20 mm depending on the specifications of the specific fusion splicer. With single-mode fibers, just like all fibers, care must be ...



3. Fusion Splicing Process Here''s a step-by-step guide to achieving a perfect fusion splice: Prepare the Cables: Begin by stripping the cable jacket to expose approximately 2-3 meters of buffer ...



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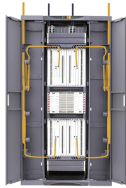
Using a specialized stripping tool, strip the outer sheath of the fiber cable to a length of about 1 meter. For armored cables, use pliers to clamp the steel wire and strip the outer sheath.



According to experience, it is appropriate to peel the length of the optical cable in the range of 50~100CM and pay attention to the strength of the stripping.



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



Fusion splicing requires stripping a longer length of bare fiber than termination, so the choice of stripper is important. There are three types of fiber strippers available, known as (from Left) the Miller ...



Termination of fiber optic cabling via fusion splicing requires planning and coordination to successfully allow for acceptable performance, slack storage, transition from outer jacketing, ...



① Use a cable stripper to peel off the outermost plastic layer of the optical cable and the coating layer in the inner layer until the fiber core is exposed. According to experience, it is ...



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



5.2.12 Remove from fusion splicer and slide splice sleeve carefully over bare fiber. The sleeve should be centered over the bare fiber and cover the buffer tube on each end by at least 2 mm.



Master the flat, stable and fast three-character fiber stripping method. "Ping" means keeping the fiber flat. Pinch the optical fiber with the thumb and index finger of the left hand to make it ...

## Contact Us

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