

# The function of optical fiber splice protection tube

The primary function of fiber optic splice sleeve is to provide mechanical protection and stability to fusion splices, which join two fiber optic cables together.

Fiber optic splice protection sleeves, also known as heat shrink sleeves, are designed to protect fiber optic splices and connectors from damage caused by external factors such as moisture, ...

The FPS01 and FPS04 series are specially designed for optical components, where small packaging is a priority. These micro sleeves provide the known reliability of Fujikura sleeves in the smallest possible ...

Once fibers are spliced, they need to be protected. For protection against the outside plant environment and damage, splices require placement in a protective enclosure, usually called a splice closure.

Optic Fiber Heat Shrink Tube is a vital component used to safeguard fiber optic splicing elements. It is composed of cross-linked polyolefin, a hot melt tube, and a steel rod. This tube is designed to ...

Although the fiber splice sleeve is only a small component in the fiber optic communication network, it plays a crucial role in ensuring the stability and reliability of the fiber optic network.

A fusion protection sleeve is used to protect the fusion splice where the two separate pieces of fiber optic cable have been joined into one.

An Optical Fiber Splice Protection Sleeve is a heat-shrinkable protective tube used to safeguard the fusion splice joint between two optical fibers. Once splicing is completed, the sleeve is ...

Splice sleeves restore the tensile strength and bend resistance of the fiber at its most vulnerable point -- the splice joint -- while maintaining the low insertion loss that the fusion splice itself achieves.

What is a Fiber Optic Splice Sleeve? A Fiber Optic Splice Sleeve is a protective tube designed to encase a fusion splice--the point where two optical fibers are joined together.



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