



# FiberSecur Splice Protection Sleeve, 2.5mm x 60mm



## Applicable Standards

- **Telcordia GR-1380:** Compliance with industry standards for splice protection sleeves.
- **IEC 61756-1:** Ensures reliability and performance in fiber optic components.

## Product Part Number

N164.SPS2H60

## Product Description

The FiberSecur Splice Protection Sleeve (2.5mm x 60mm) is a premium solution for safeguarding fiber optic splices. Engineered with a robust three-part construction, it provides exceptional durability and protection. The sleeve features a hot melt fusion tube made of EVA+PE for secure bonding, a stainless steel 304 reinforcing rod for added strength, and a heat shrink outer tube crafted from EVA for reliable environmental protection. Designed to ensure optimal alignment and secure encapsulation, FiberSecur sleeves deliver long-lasting performance in diverse applications.

## Product Features

- **Three-Part Construction for Enhanced Durability :** Combines a hot melt fusion tube, stainless steel rod, and heat shrink outer tube for comprehensive protection.
- **Precision Splice Protection :** Ensures secure alignment and encapsulation of fiber splices, reducing signal loss and damage.





## Material Specifications

|                        |                     |                     |
|------------------------|---------------------|---------------------|
| Stainless Steel Rod    | Material            | Stainless Steel 304 |
|                        | Outer Diameter (mm) | 1.0 ± 0.05          |
|                        | Length (mm)         | 55 ± 1              |
| Heat Shrink Outer Tube | Material            | EVA                 |
|                        | Inner Diameter (mm) | 2.7 ± 0.2           |
|                        | Thickness (mm)      | 0.25 ± 0.05         |
|                        | Length (mm)         | 60                  |
| Hot Melt Fusion Tube   | Material            | EVA + PE            |
|                        | Inner Diameter (mm) | 1.4 ± 0.1           |
|                        | Thickness (mm)      | 0.35 ± 0.05         |
|                        | Length (mm)         | 60                  |

Outer Diameter after Heat Shrinkage : 2.4 ± 0.1mm and EVA refers to "Ethylene Vinyl Acetate"

## Environmental Specifications

|                                |                |
|--------------------------------|----------------|
| Operating Temperature Range    | - 40°C to 85°C |
| Storage Temperature Range      | - 40°C to 60°C |
| Installation Temperature Range | - 10°C to 60°C |

## Ordering Information

|              |  |
|--------------|--|
| N164.SPS2H60 | FiberSecur Splice Protection Sleeve 2.5mm x 60mm |
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