

# Fibre Optic Splice Protector

## Features & Benefits

- Keeps optic transmission properties of optical fibre.
- Reinforce and protects splice.
- Easy to use and minimize damages to optical fibre during installation.
- Clear sleeve for easier inspection.
- One piece design with hot fusion insert for sealing against moisture and other contaminants.
- Smooth, deburred stainless steel reinforcing member ends decrease the risk of fibre damage during installation.



## Specifications

Operating temperature: -45°C to +100°C

Shrink temperature: 120°C

## Applications

Splice protector are specially designed for fibre optic cable. This splice protector is consisted of a cross-linked polyolefin sleeve for protection, a steel rod (ceramic rod for ribbon fibre ) for reinforcing the splice and hot fusion tubal insert for rebuilding the coating of the fibre. This protector provides mechanical reinforcement at joint point and maintain the optic transmission properties of the fibre optic cable.

Test Item	Test Method	Typical Value
Tensile strength	ASTMD2671	>16Mpa
Ultimate elongation	ASTMD2671	600%
Density	ISOR1183D	0.94g/cm <sup>3</sup>
Low temperature flexibility (-40°C/4h)	ASTMD2671	No cracks
Dielectric strength	IEC243	25kV/mm
Dielectric constant	IEC243	2.5
Longitudinal change	ASTMD2671	±5%

Product Code	Splice Protector		Fusion Tube		Steel Rod	
	O.D After Recovery	Length	I.D	Length	O.D	Length
	mm					
FIBER-OPTIC-FUSION-JTSP23	3	23	1.3	23	1.5	18
FIBER-OPTIC-FUSION-JTSP45M	3	45	1.3	45	1.5	40
FIBER-OPTIC-FUSION-JTSP61M	3	61	1.3	61	1.5	55