

Heat Shrink Fibre Optic Splice Protector

Heat shrink fibre optic splice protectors are manufactured pre-shrunk in a heat-bonded assembly that consists of three components: EVA hot-melttable adhesive, heat-shrinkable tubing, reinforcing strength member.

Features

- Designed specifically for fibre splice protection elements
- Does not affect the optical characteristics of the optical fibre
- Protection of the splicing point, to improve the mechanical strength
- Simple operation, reducing the risk of fibre damage during installation
- Transparent casing, clear understanding of the fibre splice situation
- Contraction speed, high construction efficiency
- High operating temperatures, using a wide range
- Sealing structure to have good resistance to temperature and humidity performance

Specification

Shrinking Temperature (°C)	90 ~ 110
Radial Shrinking Rate (%)	>50
Axial Shrinking Rate (%)	<10
Low Temperature Property	No crackle at -55°C lasting 4 hours
Normal Operation Temperature (°C)	-55°C ~ + 100°C
Normal Operation Relative Humidity	≤95%
Spark- over Strength (kV/mm)	≥20
Tensile Strength (Mpa)	20
Loss at -40°C	0.03dB
Loss at +60°C RH95%	0.02dB



Splice Protector 45mm

Outer Tube	Outer Diameter	3.9±0.1
	Thickness	0.2±0.05
	Length	45±1
	Material	Flexible Polyolefin
Inner Tube	Inner Diameter	1.5±0.1
	Length	45
	Thickness	0.3±0.05
	Material	EVA
Steel Bar	Diameter	1.5±0.05
	Length	40±0.25
	Material	302 Stainless Steel Wire
Splicing Finished Diameter	2.9 x 3.0±0.1	

Splice Protector 60mm

Outer Tube	Outer Diameter	3.9±0.1
	Thickness	0.2±0.05
	Length	60±1
	Material	Flexible Polyolefin
Inner Tube	Inner Diameter	1.5±0.1
	Length	60
	Thickness	0.3±0.05
	Material	EVA
Steel Bar	Diameter	1.5±0.05
	Length	55±0.25
	Material	302 Stainless Steel Wire
Splicing Finished Diameter	3.0 x 3.0±0.1	