

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

Shrinking Temperature (°C)	~ 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



Specification

Splice Protector 45mm

Splice Protector 45mm

Outer Tube	Outer Diameter	
	Thickness	
	Length	
	Material	
Inner Tube	Inner Diameter	
	Length	
	Thickness	
	Material	
Steel Bar	Diameter	
	Length	
	Material	
Splicing Finished Diameter	2.9 x 3.0±0.1	

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	45
	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	

Unit 10, 2M Trade Park, Beddow Way, Aylesford, Kent. ME20 7BT