

Part Number OFS

Header OFS Heat Shrinkable Optical Fiber Protector

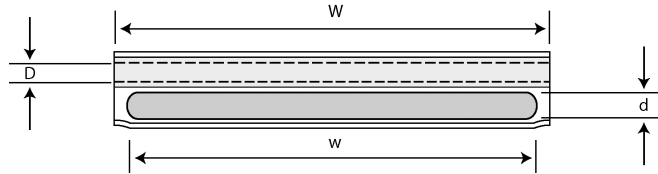
Description Thermosleeve-USA OFS is made from specially designed cross-linked polyolefin with an adhesive liner. OFS heat shrinkable optical fiber splice connectors provide excellent strength and protection to optical fiber splices. RoHS compliant.

Agency Approval & Compliance ROHS, Halogen Free, REACH

Application Used for fiber optic mechanical splicing in Telecommunications and LAN networking applications.

Operating Temperature OFS has a 2:1 heat shrinkable sleeve that shrinks to one half (50%) of its original size. The tubing's wall thickness will also change proportionally to the degree of recovery.

OFS optical fiber splices have a continuous operating temperature range of -55 degrees C (-67 degrees F) to 105 degrees C (221 degrees F)

Standard Sizes and Dimension


Type	Length (W) (mm)	Hot Melt Tube (mm)		Stainless Steel (mm)		Packaging
		ID (D)	Length (W)	OD (d)	Length (w)	
Large Size						
OFS-60B	60±1.0	1.4±0.05	60±1.0	1.5±0.05	55±1.0	100pcs/bag
OFS-45B	45±1.0	1.4±0.05	45±1.0	1.5±0.05	40±1.0	100pcs/bag
OFS-40B	40±1.0	1.4±0.05	40±1.0	1.5±0.05	36±1.0	100pcs/bag
OFS-23B	23±1.0	1.4±0.05	23±1.0	1.5±0.05	18±1.0	100pcs/bag
Mid Size						
OFS-61M	61±1.0	1.3±0.05	61±1.0	1.2±0.05	55±1.0	100pcs/bag
OFS-60M	60±1.0	1.3±0.05	60±1.0	1.2±0.05	56±1.0	100pcs/bag
OFS-45M	45±1.0	1.3±0.05	45±1.0	1.2±0.05	40±1.0	100pcs/bag
OFS-40M	40±1.0	1.3±0.05	40±1.0	1.2±0.05	36±1.0	100pcs/bag
OFS-30M	30±1.0	1.3±0.05	30±1.0	1.2±0.05	26±1.0	100pcs/bag
OFS-25M	25±1.0	1.3±0.05	25±1.0	1.2±0.05	21±1.0	100pcs/bag

Small Size						
OFS-60S	60±1.0	0.5±0.05	60±1.0	1.0±0.05	56±1.0	100pcs/bag
OFS-40S	40±1.0	0.5±0.05	40±1.0	1.0±0.05	36±1.0	100pcs/bag
OFS-60SA	60±1.0	1.3±0.05	60±1.0	1.0±0.05	56±1.0	100pcs/bag
OFS-40SA	40±1.0	1.3±0.05	40±1.0	1.0±0.05	36±1.0	100pcs/bag
Micro Size						
OFS-40T	40±1.0	0.5±0.05	40±1.0	0.5±0.05	40±1.0	100pcs/bag
OFS-25T	25±0.5	0.5±0.05	25±0.5	0.5±0.05	25±0.5	100pcs/bag
OFS-18T	18±0.5	0.5±0.05	18±0.5	0.5±0.05	18±0.5	100pcs/bag
OFS-15T	15±0.5	0.5±0.05	15±0.5	0.5±0.05	15±0.5	100pcs/bag
OFS-10T	10±0.5	0.5±0.05	10±0.5	0.5±0.05	10±0.5	100pcs/bag

Typical Properties

Item	Test Method	Specifications
Shrink Temperature (°C)	—	≥90
Operating Temperature Range (°C)	—	—55~110
Tensile Strength (Mpa)	ASTMD2671	≥18
Ultimate Elongation (%)	ASTMD2671	700
Dielectric Strength (kV/mm)	IEC 243	20
Coefficient of electrical breakdown	IEC 243	2.5max
Longitudinal Shrink Ratio	ASTMD2671	≤+5

Availability Bulk and 100-piece bags

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