

## OFTech Fiber Optic Splice Protector

OFTech Fiber Optic Splice Protector is consisted of a cross-linked polyolefin sleeve for protection, a steel rod (ceramic rod for ribbon fiber) for reinforcing the splice and hot fusion tube insert for rebuilding the coating of the fiber. This protector provides mechanical reinforcement at joint point and maintains the optic transmission properties of the fiber optic cable.



### Feature:

- Keeps optic transmission properties of optical fiber
- Reinforce and protects splice
- Easy to use and minimize damages to optical fiber during installation
- Clear sleeve for easier inspection
- One piece design with hot fusion insert for sealing against moisture and other contaminants

### Temperature Range:

- Operating Temperature : -55 ~ 100
- Shrink Temperature : 120

### Color:

Transparent

### Product Code Cross References

- Raychem/Tyco : SMOUV
- DSG Canusa : CFSP
- Sumitomo : FPS-1

### Specification:

Item	Test Method	Typical Data
Tensile strength	ASTMD2671	18Mpa
Ultimate elongation	ASTMD2671	700%
Density	ISOR1183D	0.94g/cm3
Dielectric strength	IEC243	25KV/mm
Dielectric constant	IEC243	2.5
Longitudinal change	ASTMD2671	±5%

### Single Optical Fiber Fusion Splice Protector

ITEM	Splice Protector		Fusion Tube		Steel Rod		Standard Package (pcs/pack)
	O.D. (mm) After recovery	Length (mm)	I.D. (mm)	Length (mm)	O.D. (mm)	Length (mm)	
Standard Size							
OFSP-25M	2.5	25	1.3	25	1.2	21	100
OFSP-30M	2.5	30	1.3	30	1.2	26	100
OFSP-40M	2.5	40	1.3	40	1.2	36	100
OFSP-45M	2.5	45	1.3	45	1.2	40	100
OFSP-61M	2.5	61	1.3	61	1.2	55	100
Longer Size							
OFSP-60A	2.4	60	1.3	60	1.0	58	100
OFSP-60T	2.0	60	0.5	60	1.0	56	100
OFSP-40T	2.0	40	0.5	40	1.0	36	100
OFSP-40TS	1.7	40	1.0	40	0.7	39	100
OFSP-45TS	1.7	45	1.0	45	0.7	44	100
OFSP-50TS	1.7	50	1.0	50	0.7	49	100
Mini Size							
OFSP-40S	1.3	40	0.5	40	0.5	39	100
OFSP-25S	1.3	25	0.5	25	0.5	24	100
OFSP-18S	1.3	18	0.5	18	0.5	17	100
OFSP-15S	1.3	15	0.5	15	0.5	14	100
OFSP-10S	1.3	10	0.5	10	0.5	9	100

### Ribbon Fiber Fusion Splice Protector

ITEM	Length Of Protector(mm)	I.D. Fusion Tube(mm)	Ceramic Rod		Standard Package(pcs/pack)
			Width(mm)	Width(mm)	
OFSP-6R	40	2.9	3.8	1.65	50
OFSP-12R	40	4.1	5.1	2.1	50

**Order Information:**

When ordering this product, please specify: Product item, Color and Quantity required in number of packs.