

## FIBER SPLICE PROTECTORS

**MARATHON** Fiber Splice Protectors are a heat shrinkable polyolefin tubing system with a steel rod for mechanical protection and a hot fusion insert for sealing. This protector provides mechanical reinforcement at the joint point and maintains the optic transmission properties of the fiber optic cable.



### Features & Benefits

- Retains optic transmission properties of optical fiber
- Reinforces and protects fiber optic splice
- Clear sleeve for easy inspection and minimizing damage during installation
- One piece design with hot fusion insert for sealing against moisture and other contaminants
- RoHS compliant halogen free, environmentally friendly

### Temperature Range

- Operating Temperature: -55°C to 100°C
- Shrink Temperature: 120°C

### Color

- Sleeve: Transparent
- Fusion insert: Transparent

### Technical Details

Test Item	Test Method	Typical Value
Tensile Strength	ASTM D2671	18 Mpa
Ultimate Elongation	ASTM D2671	700%
Density	ISOR 1183D	0.94 g/cm <sup>3</sup>
Dielectric strength	IEC 243	25kV/mm
Dielectric constant	IEC 243	2.5
Longitudinal change	ASTM D2671	± 5%

### Ordering Information

Product Code	Splice Protector		Fusion Tube		Steel Rod		Standard Package (pcs/pack)
	O.D. after recovery (mm)	Length (mm)	I.D. (mm)	Length (mm)	O.D. (mm)	Length (mm)	
MARFSP61M	2.5	61	1.3	61	1.2	55	100
MARFSP45M	2.5	45	1.3	45	1.2	40	100
MARFSP40M	2.5	40	1.3	40	1.2	36	100