

Fiber Splice Holders & Sleeves

APPLICATION

Leviton's Splice Sleeves, available in Standard, Slim, Mini and Micro styles, are designed with a stainless steel strength member, polyolefin copolymer inner tube and polyolefin outer tube for reliable fiber alignment during shipping, handling and installation. Use them with Leviton Splice Holders to provide maximum protection from shock and vibration. Holders accommodate the entire range of Leviton fusion splice sleeves, plus devices from other manufacturers for complete design flexibility.



SPECIFICATION

The Fiber Splice Sleeves shall meet the requirements for Bellcore GR-1380 specifications. Outer tubing shall meet MIL-I-23053/5 Class 2 requirements. The sleeves shall feature a stainless steel strength member, polyolefin copolymer inner tube and polyolefin outer tube with precise cut lengths and smooth ends. Sleeves shall be available in Standard, Slim, Mini, and Micro styles.

The Fiber Splice Holders shall accommodate the entire line of Leviton Fusion Splice Sleeves as well as devices from other manufacturers. The holders shall be available in foam or solid plastic with 6- and 12-fiber design options and adhesive backs.

FEATURES — Splice Holders

- 6- and 12-fiber designs
- Mini, Micro, and Mechanical options available
- Adhesive back for ease of assembly
- Foam and solid plastic designs
- Sold separately for use in packaging of passive optical devices

FEATURES — Splice Sleeves

- Precise lengths free of all burrs and sharp edges
- Heat bonded assembly
- Choice of lengths and diameters
- Sleeves feature clear outer tube for viewing fiber color
- Slim Sleeves feature reduced diameter to fit more finished product in splice trays
- Mini Sleeves fit smaller width splice trays while still accommodating both 250 µm and 900 µm fibers, and require less shrink time
- Micro Sleeves for splitter and coupler packages fit 250 µm fibers

STANDARDS COMPLIANCE

Outer tube of the splice sleeves meets MIL-I-23053/5 Class 2. Standard style sleeves meet Bellcore GR-1380 specifications.

PHYSICAL SPECIFICATIONS

Dimensions:	See second page
Outer Tube	Polyolefin
Working Temperature	-55° C to 135° C (-65° F to 275° F)
Ultimate Strength	220 kg/cm ²
Elongation	650%
Specific Gravity	0.95
Water Absorption	0.05%
Minimum Shrink Temp	95° C (203° F)
Fungus Resistance	Inert
Solvent Resistance	Good
Acid Resistance	Excellent
Inner Tube	Polyolefin Copolymer (Ethylene-Vinyl Acetate)
Ultimate Strength	200 kg/cm ²
Elongation	700%
Melting Point	80° C (176° F)
Specific Gravity	0.93
Strength Member	302 Stainless Steel with rounded and polished ends
Shrink Time*	Standard: 90 seconds Mini/Micro: 30-50 seconds

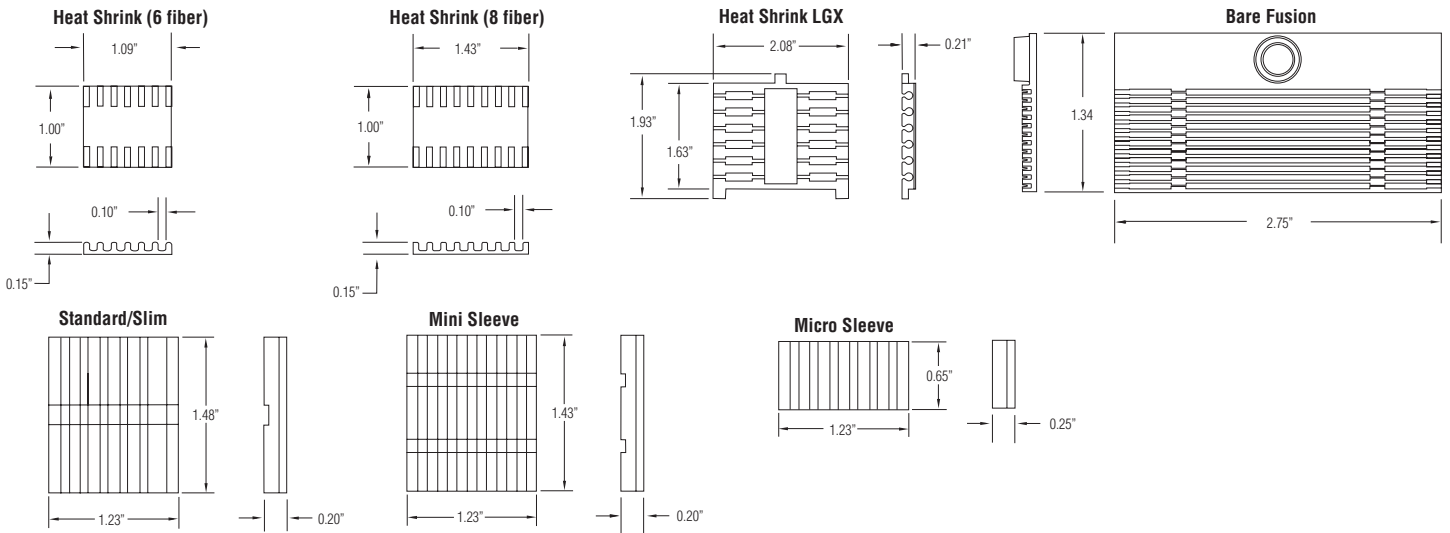
*Shrink times vary with heater style and ambient temperature.

WARRANTY INFORMATION

For warranty information, go to leviton.com or call 800.722.2072.

ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG, Visio), visit www.leviton.com.



FSHxx-xxx FSSx-xxx

MAXIMUM SLEEVES PER SPLICE HOLDER

		Holders					
		Heat Shrink 8 Fiber (black plastic)	Heat Shrink 6 Fiber (black plastic)	Heat Shrink 6 Fiber (black foam)	Mini Sleeve (black foam)	Micro Sleeve (black foam)	Heat Shrink (LGX footprint)
Sleeves	Standard	8	6	6	N/A	N/A	6
	Slim	8	6	6	N/A	N/A	N/A
	Mini	N/A	N/A	N/A	6	6	N/A
	Micro	N/A	N/A	N/A	6	6	N/A

SPLICE HOLDERS

DESCRIPTION	PART NO.
Splice Holder, heat shrink (black plastic), 6-fiber capacity	FSHHS-P06
Splice Holder, heat shrink (black plastic), 8-fiber capacity	FSHHS-P08
Splice Holder, heat shrink (black foam), 6-fiber capacity	FSHSL-F06
Splice Holder, mini sleeves (black foam), 6-fiber capacity	FSHMI-F06
Splice Holder, micro sleeves (black foam), 6-fiber capacity	FSHMR-F06
Splice Holder, bare fusion, 12-fiber capacity	FSHBF-P12
Splice Holder, heat shrink (LGX® footprint), 6-fiber capacity	FSHAT-F06
Splice Holder, ribbon, 6 position, 72-fiber capacity	FSHRB-F06

FUSION SPLICE SLEEVES

DESCRIPTION	STANDARD 50/PACK	SLIM 100/PACK	MINI 100/PACK	MICRO 100/PACK	RIBBON 25/PACK
Fusion Splice Sleeve, 60 mm	FSSSD-060	FSSSL-060			
Fusion Splice Sleeve, 40 mm	FSSSD-040	FSSSL-040	FSSMI-040	FSSMR-040	
Fusion Splice Sleeve, 25 mm		FSSSL-025	FSSMI-025	FSSMR-025	
Fusion Splice Sleeve, quartz, 40 mm					FSSRB-Q40

