

## 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.

### 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 250µm and 900µm fibers, and require less shrink time.
- Micro Sleeves for splitter and coupler packages fit 250µm fibers.

### FEATURES - SPLICE HOLDERS

- 6 & 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.

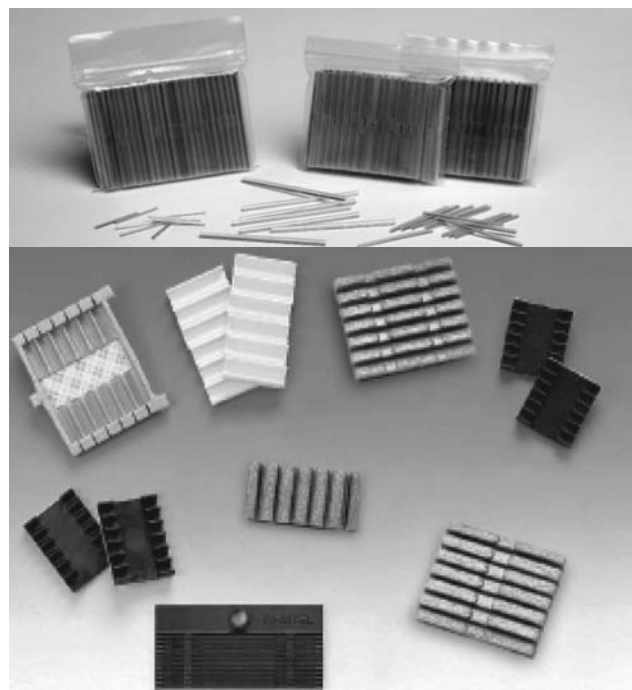
### STANDARDS COMPLIANCE

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

### TYPICAL 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.



### PHYSICAL SPECIFICATIONS - SPLICE SLEEVES

Dimensions:	See second page
Outer Tube	Polyolefin
Working Temperature	-55 C to 135 C (-65 F to 275 F)
Ultimate Strength	220 kg/cm <sup>2</sup>
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 <sup>2</sup>
Elongation	700%
Melting Point	80 C (176 F)
Specific Gravity	0.93
Strength Member	302 Stainless Steel w/rounded & polished ends
Shrink Time	Standard: 90 seconds Mini/Micro: 30-50 seconds

(\*Shrink times vary with heater style and ambient temperature.)



For Technical Support & Customer Service call 1-866-624-0344.

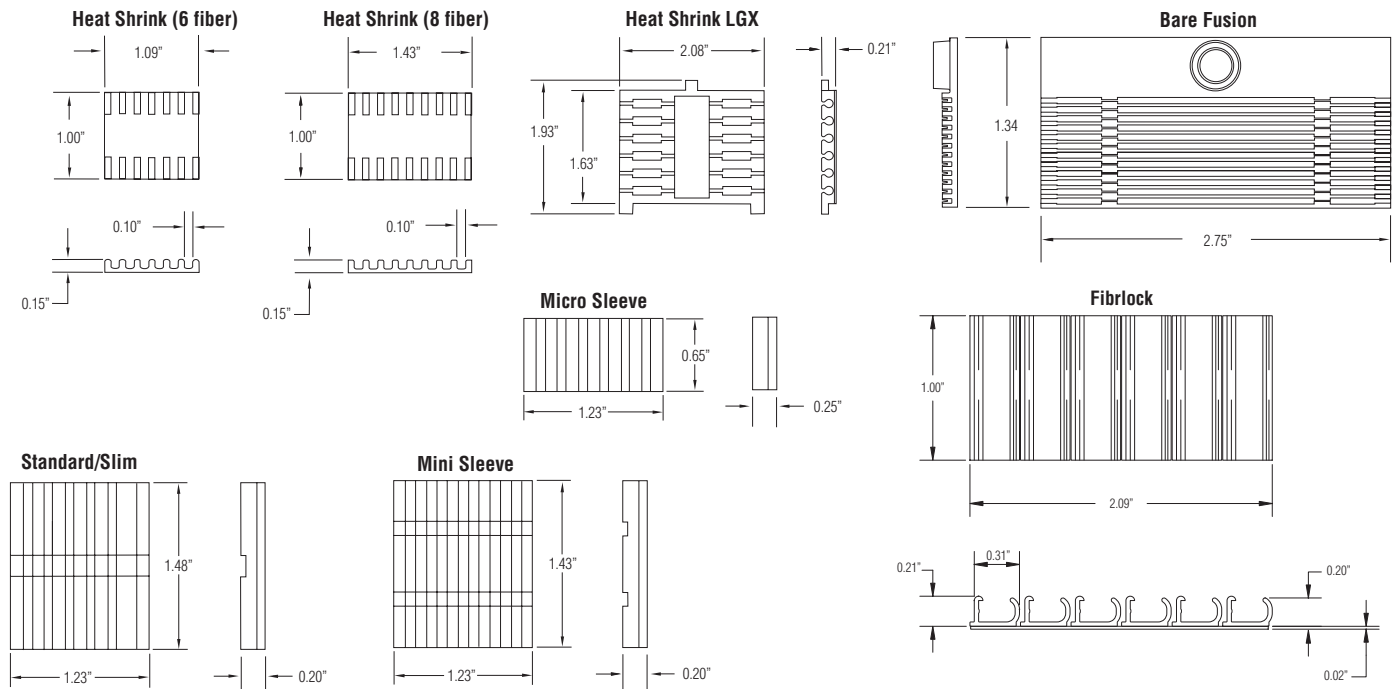
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# Fiber Splice Holders & Sleeves

**Part Numbers**  
**FSH\*\*-\*\*\* FSSS\*\*-\*\*\***  
**FSSM\*\*-\*\*\* FSSR\*\*-\*\*\***

## DIMENSIONAL LINE ART



Values listed below are the maximum number of sleeves that can be held in each 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 foot print)
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

## PART NUMBERS

Splice Holders	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, fiblock (white plastic), 6 fiber capacity	FSHFL-P06
Bare Fusion splice holder, 12 fiber capacity	FSHBF-P12
Splice holder, heat shrink (LGX foot print), 6 fiber capacity	FSHAT-F06

Splice Sleeves	Quantity	Part No.
Fusion splice sleeve, standard, 40mm	50/Pack	FSSSD-040
Fusion splice sleeve, standard, 60mm	50/Pack	FSSSD-060
Fusion splice sleeve, slim, 16mm	100/Pack	FSSSL-016
Fusion Splice sleeve, slim, 25mm	100/Pack	FSSSL-025
Fusion splice sleeve, slim, 40mm	100/Pack	FSSSL-040
Fusion splice sleeve, slim, 60mm	100/Pack	FSSSL-060
Fusion splice sleeve, mini, 10mm	100/Pack	FSSMI-010
Fusion splice sleeve, mini, 25mm	100/Pack	FSSMI-025
Fusion splice sleeve, mini, 40mm	100/Pack	FSSMI-040
Fusion splice sleeve, micro, 10mm	100/Pack	FSSMR-010
Fusion splice sleeve, micro, 25mm	100/Pack	FSSMR-025
Fusion splice sleeve, micro, 40mm	100/Pack	FSSMR-040
Fusion splice sleeve, ribbon, polyetherimide, 40mm	25/Pack	FSSRB-P40
Fusion splice sleeve, ribbon, quartz, 40mm	25/Pack	FSSRB-Q40



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