

## Fiber Splice Sleeves

### APPLICATION

Leviton Splice Sleeves, available in standard and slim 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 Trays to provide maximum protection from shock and vibration.



### SPECIFICATION

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.

### FEATURES

- 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

### 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 page two
Outer Tube	Polyolefin
Working Temperature	-55° C to 135° C (-65° F to 275° F)
Ultimate Strength	220 kg/cm2
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/cm2
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
Shrink Size	Standard: 2.9 mm Slim: 2.5 mm Ribbon: 4.3-5.1 mm

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

### WARRANTY INFORMATION

For a copy of Leviton product warranties, visit [www.leviton.com](http://www.leviton.com).

### ELECTRONIC FILES

For CAD files, typical specs, or dimensional line art (.DXF, .DWG,) visit [www.leviton.com](http://www.leviton.com).

FSSx-xxx

### FUSION SPLICE SLEEVES

Description	Standard (50/pack)	(Slim 50/pack)	Ribbon (25/pack)
Fusion Splice Sleeve, 60 mm	FSSSD-060	FSSSL-060	—
Fusion Splice Sleeve, 40 mm	FSSSD-040	FSSSL-040	FSSRB-P40

