

Fiber Fusion 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.

STANDARDS & REGULATIONS

- MIL-I-23053/5 Class 2 (outer tubes)
- Bellcore GR-1380 (sleeves)

WARRANTY INFORMATION

For Leviton product warranties, go to Leviton.com/ns/warranty

FEATURES & BENEFITS

- 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

MECHANICAL SPECIFICATIONS

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
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.

PART NUMBER				
Description	Standard (100/pack)	Standard (50/pack)	(Slim 50/pack)	Ribbon (25/pack)
Fusion Splice Sleeve, 60 mm		FSSSD-060	FSSSL-060	—
Fusion Splice Sleeve, 45 mm	30-0008-01*			
Fusion Splice Sleeve, 40 mm		FSSSD-040	FSSSL-040	FSSRB-P40

* For customers in Europe and Middle East only

For further support information, visit Leviton.com/NS/Support

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USA
Network Solutions Headquarters
+1 (800) 722 2082
infoUSA@leviton.com

BERK-TEK™ Cable
+1 (800) 237 5835 | infoUSA@leviton.com

Asia Pacific
+852 3620 2602
infoAPAC@leviton.com

Canada
+1 (800) 461 2002
infoCanada@leviton.com

Europe
+44 (0) 1592 772124
infoEurope@leviton.com

Latin America
MX: +52 (55) 2128 6286
LATAM: +52 (55) 2333 5963
infoLATAM@leviton.com

Middle East & Africa
+971 (4) 247 9800
infoMEA@leviton.com

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