

# LGX<sup>®</sup> Splice Shelves (LSS1U Series)



A Furukawa Company

## Rugged, Versatile Buffer Optical Fibers Ideal for Confined Installations

### Product Description

This LGX<sup>®</sup> Fiber Optic Splice Shelf (LSS) is generally used with a termination shelf or in splice-only applications to store individual mechanical or fusion splices.

Typically, the splice shelf is used in combination with the termination shelf.

#### Shelves are equipped with:

- Hinged front (metal) and rear doors constructed of white polycarbonate and equipped with knockouts for optional lock mechanism
- Universal shelf mounting brackets for frame or wall mount
- Cable clamp brackets for termination of LGBC, LGMC or OSP cables
- Blank labels for identifying fiber splices
- Splice tray housing
- The 9 inch and 10 inch splice trays have the same splice capacity but the 10 inch shelf provides additional room in the base for fiber and cable storage
- Aluminum alloy sheet 0.09 in. [2.28 mm] thick



LSS1U-05 Shelves  
Closed & Opened



LSS1U-07 Shelves  
Closed & Opened

#### All other associated or accessory hardware ordered separately:

- Clamp and Grounding Kit – One per outside plant cable 12A1 cable clamp or 12A2 cable clamp
- Cable End Blocking Kit – One per outside plant cable D-181268 for unconnectorized ribbon cables D-181781 (six Finger Unit Splitter) for LightPack<sup>®</sup> 0.41-inch (1.0 cm) cable D-181683 (eight Finger Unit Splitter) for LightPack 0.48- inch (1.2 cm) cable
- Splice Organizer Assembly:
  - LT1B-F/F Splice Organizer for fusion splices; each organizer can accommodate up to 48 splices
  - LT1B-MF/MF Splice Organizer for mass fusion splices; each organizer can accommodate up to 18 splices (216 fiber splices)
- Pigtails and fanouts are ordered separately and are dependent on the number of splices and the splice type. The 5 inch shelf holds 3 trays for a maximum of 144 single fusion splices or pigtails. For mass fusion splicing, you need 54 fanouts

# Ordering Information

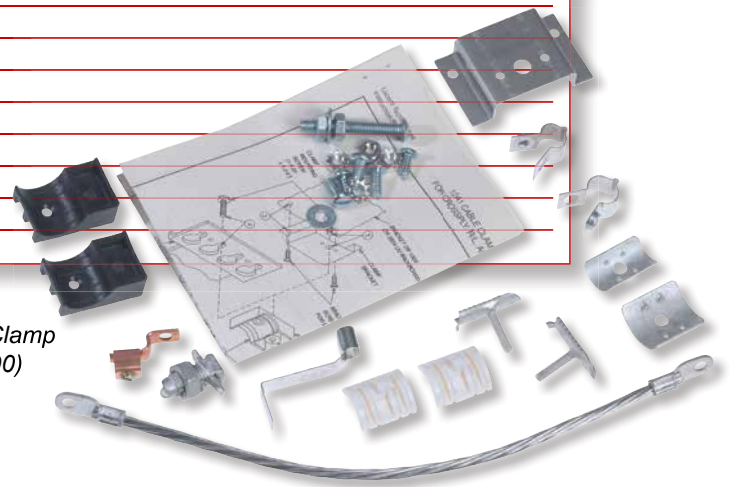
## Splice Shelf Ordering Guide

Product Code	Comcode	Description
LSS1U-05-BLK EMPTY	301011037	Splice Shelf that holds 3 LT1B trays
LSS1U-05-WHT EMPTY	105335806	Splice Shelf that holds 3 LT1B trays
LSS1U-07-BLK EMPTY	300539525	Splice Shelf that holds 6 LT1B trays
LSS1U-07-WHT EMPTY	105335772	Splice Shelf that holds 6 LT1B trays
LSS1U-09-BLK EMPTY	301011045	Splice Shelf that holds 6 LT1B trays
LSS1U-09-WHT EMPTY	300556891	Splice Shelf that holds 6 LT1B trays
LSS1U-10-WHT EMPTY	300430527	Splice Shelf that holds 9 LT1B trays
LSS1U-05-WHT-3-LT1B-FF	300399284	Splice Shelf that is equipped with 3 LT1B-F/F trays
LSS1U-05-WHT-3-LT1B-MF	300529161	Splice Shelf that is equipped with 3 LT1B-MF/MF trays
LSS1U-07-WHT-6-LT1B-FF	300399433	Splice Shelf that is equipped with 6 LT1B-F/F trays

### Accessories

LT1B-F/F 48 SINGLE FUSION	300386919
LT1B-M/M 36 MECHANICAL	300386927
LT1B-MF/MF18 MASS FUSION	300386935
12A1 CABLE CLAMP METALLIC	104384490
12A1 CABLE CLAMP w/o STRAP, LUG	301006888
12A2 CABLE CLAMP DIELECTRIC	106230337
12A3L CABLE CLAMP METALLIC/DIELECTRIC	108527433
FUSION SLEEVE RIBBON 40MM 100PK	108383936
FUSION SLEEVE SINGLE FIBER 60MM 50PK	105058309
FUSION SLEEVES RIBBON 25PK	107241077
Single Fusion Organizer	105356562
Mass Fusion Organizer 12 pck	109116046

12A1 Cable Clamp  
(104384490)



FOR ADDITIONAL INFORMATION PLEASE CONTACT YOUR SALES REPRESENTATIVE.

You can also visit our website at [www.ofsoptics.com](http://www.ofsoptics.com) or call 1-888-fiberhelp (1-888-342-3743) from inside the USA or 1-770-798-5555 from outside the USA.



LGX and LightPack are registered trademarks of OFS Fitel, LLC.

OFS reserves the right to make changes to the prices and product(s) described in this document at any time without notice. This document is for informational purposes only and is not intended to modify or supplement any OFS warranties or specifications relating to any of its products or services.

Copyright © 2013 OFS Fitel, LLC.  
All rights reserved.

OFS  
Marketing Communications  
fap-258-0513



A Furukawa Company