



A Furukawa Company

## LGX® Splice Shelves (LSS1U Series)

Rugged, Versatile Buffer Optical Fibers Ideal for Confined Installations



*LSS1U-05 Shelves  
Closed & Opened*

### Features and Benefits

- 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

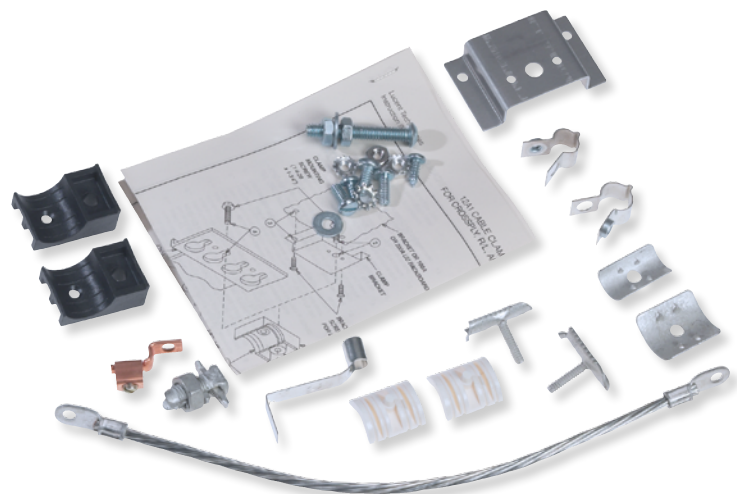
### Product Description

This LGX 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.



*LSS1U-07 Shelves  
Closed & Opened*



*12A1 Cable Clamp  
(104384490)*



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### 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® 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 pigtailed. For mass fusion splicing, you need 54 fanouts.

### 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   |
| <b>Accessories</b>                    |           |   |
| LT1B-F/F 48 SINGLE FUSION             | 300386919 |   |
| LT1B-M/M 36 MECHANICAL                | 300386927 |   |
| LT1B-MF/MF 18 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 |   |

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) USA or 1-770-798-5555 outside the USA.



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