



## LightGuard® 150 Sealed Fiber Optic Splice Closure

The LightGuard (LG) 150 is a sealed dome closure designed for small count fiber splicing (up to 48 single or 192 mass) in a butt configuration. Utilized in aerial or underground environments where a sealed closure is required, the LG-150 is ideal for express or ring applications and requires only a common can wrench for installation.

### Features

- Supports stranded loose tube or ribbon fiber cables in either armored or dielectric configurations
- Installation and re-entry requires only a common can wrench
- Fully sealed to protect fiber and splices ensuring longevity
- Fully kitted with all parts to install five cables
- Designed and tested to Telcordia® GR-771 requirements
- Rural Utilities Service (RUS) Listed

### Specifications

| PARAMETER   | VALUE   |  |
|---|---|--|
| Splice Capacity (Max.)—Single, Mass, Mechanical   | 48, 192, 48   |  |
| Number of Splice Trays (Max.)—Single, Mass, Mechanical*   | 4, 3, 4   |  |
| Cable Entrance Configuration  | Butt  |  |
| Cables  | 5   |  |
| Cable Sizes (Min. O.D. - Max. O.D.) Included Grommets<br>Single in. (mm)<br><br>Additional Grommets<br>(3) Flat Drop Port Only in. (mm) | <b>(2) Express Ports</b><br>0.26" - 0.62"<br>(6.6 - 15.7) | <b>(3) Drop Ports</b><br>0.26" - 0.62"<br>(6.6 - 15.7) |
|   | n/a   | 0.19" x 0.34"<br>(4.8 x 8.6) or<br>0.25" round (6.4)   |
|   |   |  |
| Dimensions—(L x D) in. (mm)   | 18.25" x 8.75" (463.6 x 222.3)                            |  |
| Weight—lbs. (kg)  | 10.5 (4.76)   |  |

### Ordering Information

| DESCRIPTION   | MODEL NO.                           | AFL NO.      |
|---|-------------------------------------|--------------|
| LG-150 Fiber Optic Splice Closure—Stores 48 single fusion or 192 mass fusion, includes (5) cable kits for sealing/retention and (2) ground terminals with removable bond. Not included: Splice Trays, Cable Grounding Kits or Hanger Brackets | LG-150-U-0                          | FC000001-PS  |
| LL-2450 Single Splice Tray—Stores (12) single fusion splices. Maximum of 4 trays in the LG150   | LL-2450                             | 91957-00     |
| LL-4850 Mass Splice Tray—Stores (8) mass fusion splices (96 F). Maximum of 4 trays in the LG-150  | LL-4850                             | 91958-00     |
| LL-1248 Universal Splice Tray—Stores (12) single fusion splices or (8) mass fusion splices (96 F), or *Mechanical. Maximum of 4 trays in the LG-150.  | LL-1248                             | 911221-00-00 |
| LG-150/250 Single Grommet Kit (Min. 0.26" - Max. 0.62")   | LG-150/250 Single Kit               | FC000704     |
| LG-150/250 3 Flat Drop Grommet Kit (standard flat drop 0.31" or round cable up to 0.25")  | LG-150/250 Drop Kit                 | FC000655     |
| Universal Aerial Strand Hanger Kit—For use with LG-150/250/350  | Universal Hanger                    | FC000006     |
| Extended Offset Strand Hanger Kit—For use with LG-150/250/350   | Extended Offset Hanger              | FC000208     |
| Pole or Wall Mount Bracket—For use with LG-150/250/350  | PWK                                 | FC000592     |
| OPGW Dual Cable Bracket Kit for use only when installing closure on OPGW cable—For use with LG-150/250/350  | OPGW Dual Bracket                   | FC000683     |
| OPGW Quad Cable Bracket Kit—For use with LG-150/250   | LG-150/250 OPGW Quad Bracket Sealed | FC000746     |
| 1x6 Fiber Router Kit with furcation tubes   | 1x6 Fiber Router                    | FC000070     |
| Cable Grounding Kit (pack of 5)—Clamp-On Ground Cable Only  | CGK-5                               | FC001091     |
| Closure Stand for Sealed Dome Closures  | Sealed Closure Stand                | FC001176     |
| *Mechanical Splice Kit. Includes 10 pieces of VHB tape. Used in all splice trays. Each piece holds 12 splices.  | VHB Tape                            | FA000089     |
| O-Ring and Lock Ring Kit—For use with LG-150/250  | LG-150/250 Lock Ring Kit            | FC000771     |

\* See Accessory Specifications.  
See Splice Tray Specifications.