LightGuard® 250
Sealed Fiber Optic Splice Closure

The LightGuard (LG) 250 is a sealed dome closure designed for medium count fiber splicing (up to 144 single or 432 mass) in a butt configuration. Utilized in aerial or underground environments where a sealed closure is required, the LG-250 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	144, 432, 48		
Number of Splice Trays (Max.)—Single, Mass, Mechanical*	4, 3, 4		
Cable Entrance Configuration	Butt		
Cable Ports	5		
Cable Sizes (Min. O.D. - Max. O.D.) Included Grommets Single in. (mm)	**(2) Express Ports** 0.26" - 0.62" (6.6 - 15.7)		**(3) Drop Ports** 0.26" - 0.62" (6.6 - 15.7)
Additional Grommets (3) Flat Drop Port Only in. (mm)	n/a		0.19" x 0.34" (4.8 x 8.6) or 0.25" round (6.4)
Dimensions—(L x D) in. (mm)	19.0" x 8.75" (482.6 x 222.3)		
Weight—lbs. (kg)	10.5 (4.76)		

Ordering Information

DESCRIPTION	MODEL NO.	AFL NO.
LG-250 Fiber Optic Splice Closure—Stores 144 single fusion or 432 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-250-U-0	FC000002-PS
LL-2400 Single Splice Tray—Stores (24) single fusion splices. Maximum of 4 trays in the LG-250.	LL-2400	91710-06
LL-2448 Universal Splice Tray—Stores (24) single fusion or (4) mass fusion splices (48 F). Maximum of 3 trays in the LG-250	LL-2448	911289-00-02
LL-4848 Mass Splice Tray—Stores (12) mass fusion splices (144 F). Maximum of 3 trays in the LG-250	LL-4848	911437-00-02
LL-2448-48S Single Splice Tray—Stores (48) single fusion splices. Maximum of 3 trays in the LG-250	LL-2448-48S	FA000045
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 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.

www.AFLglobal.com or (800) 235-3423