



LightGuard™ 250 Sealed Fiber Optic Splice Closure

The LightGuard (LG) 250 is a sealed dome closure designed for medium count fiber splicing (< 96 single or 288 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 no tools for re-entry.

Features

- Supports stranded loose tube, Uniflex® or ribbon fiber cables in either armored or dielectric configurations
- Installation and re-entry using common hand tools
- 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	96, 288, 48
Number of Splice Trays (Max.) – Single, Mass, Mechanical	4, 2, 4
Cable Entrance Configuration	Butt
Cable Ports	5
Cable Sizes (Max. O.D. - Min. O.D.)	5 (0.62" - 0.30")
Dimensions – (L x D) in. (cm)	19 x 8.75 (48.26 x 22.23)
Weight – lbs. (kg)	11.5 (5.23)

Ordering Information

DESCRIPTION	MODEL NO.	AFL NO.
LG-250 Sealed Fiber Optic Splice Closure – 96 Single or 288 mass fusion capable, includes (5) cable kits for sealing / retention and a grounding terminal. Cable Grounding Kits, hanger brackets and splice trays not included.	LG-250-U-0	FC000002-PS
LL-2400 Splice Tray – Stores (24) single fusion splices, includes base, cover, (1) twenty-four position single splice holder and tie-wraps. Maximum of (4) trays in the LG-250.	LL-2400	91710-06
LL-2448 Splice Tray – Stores (24) single fusion or (4) mass fusion splices, includes base, cover, (1) twenty-four position single splice holder, (1) four position ribbon splice holder and tie-wraps. Maximum of (3) trays in the LG-250.	LL-2448	911289-00-02
LL-4800 Splice Tray – Stores (4) mass fusion splices, includes base, cover, (1) four position ribbon splice holder and tie-wraps. Maximum of (10) trays in the LG-300XL.	LL-4800	91711-07
LL-4848 Splice Tray – Stores (12) mass fusion splices, includes base, cover, (1) twelve position ribbon splice holder and tie-wraps. Maximum of (1) tray in the LG-250.	LL-4848	911437-00-02
Single Fusion Splice Tray for 48 Single Fused Fiber*	LL-2448-48S	FA000045
3-Flat Drop Grommet Kit – For use with standard flat drop cable	Flat Drop Grommet Kit	FC000655
OPGW Cable Bracket Kit for use only when installing closure on OPGW cable.	OPGW Bracket	FC000683
1X6 Fiber Router Kit	Router	FC000070
Cable Grounding Kit – Includes harness and hose clamp. One kit needed per cable entry. For use with LG-150/250/350.	CGH-1	FC000003
Cable Grounding Kit (pack of 5) – Includes harness and hose clamp. For use with LG-150/250/350.	CGH-5	FC000040
O-Ring Replacement Kit – For use with LG-150/250	O-Ring Replacement	FC000004
Universal Aerial Offset 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
Terminal Adapter – Houses 12 SC bulkhead adapters, for use with LG-150/250	LLAS-200-12SC	FC000068

* NOTE: When using LL-2448-48S capacity increases to 144 single splices. Capacity is cable OD driven.

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* See pages 14 through 17 for Accessory Specifications.

See page 24 for Splice Tray Specifications.