



Sealed Fiber Optic Splice Closures

The AFL Telecommunications' family of Sealed Fiber Optic Splice Closures is designed to simplify splice management. Quality engineering reduces the installation time, training and complexity associated with fiber splicing in the field. No heat, adhesives, drills or powered equipment for installation or re-entry are required. These durable, easy to install closures will increase productivity, reduce labor expenses and last the life of your plant.

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 cables
- Designed and tested to Telcordia™ GR-771 requirements
- Rural Utilities Service (RUS) Listed

Specifications

MODEL	LG-55-U-0	LG-150-U-0	LG-250-U-0	LG-350-U-0	350-AC	LG-350XL-U-0
Splice Capacity (Max.) - Single, Mass, Mechanical	24, n/a, n/a	48, 144, n/a	96, 288	384, 1152	144, 288	864, 2592, n/a
Number of Splice Trays (Max.) - Single, Mass, Mechanical	1, n/a, n/a	4, 3, n/a	4, 2, 3	12, 8, 8	4, 3	9, 9, n/a
Cable Entrance Configuration	In-line / Butt	Butt	Butt	Butt	Butt	Butt
Cable Ports	2	5	5	5	2 Express Grommets 3 4-Drop Grommets	5 (7 using dual port grommet Express sides)
Cable Sizes (Max. O.D.)	2 @ 0.60" (splice) 2 @ 0.77" (ground / bond)	5 @ 0.70"	5 @ 0.70"	3 @ 0.80" 2 @ 1.00"	2 @ 1.0" 12 @ 0.312" Flat or 0.250" Round	3 @ 1.25" 2 @ 1.35"
Testing - Cable Retention (100 lbs) - Water Resistance (waterhead) - Impact Resistance (0-40 °C) - Chemical Resistance - Cable Flexing	Passed 20 ft. Passed Passed Passed	Passed 20 ft. Passed Passed Passed	Passed 20 ft. Passed Passed Passed	Passed 20 ft. Passed Passed Passed	Passed 20 ft. Passed Passed Passed	Passed 20 ft. Passed Passed Passed
Dimensions - (L x D) in. (cm)	14.00 x 4.00 (35.60 x 10.16)	18.25 x 8.75 (46.36 x 22.23)	19.00 x 8.75 (48.26 x 22.23)	28.00 x 10.00 (71.12 x 25.40)	20 x 10	31.00 x 12.00 (78.74 x 30.48)
Weight - lbs. (kg)	3.0 (1.36)	10.5 (4.76)	11.5 (5.23)	14 (6.35)	13	25 (11.34)



LG-250 Sealed Fiber Optic Splice Closure

The 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, 36
Number of Splice Trays (Max.) – Single, Mass, Mechanical	4, 2, 3
Cable Entrance Configuration	Butt
Cable Ports	5
Cable Sizes (Max. O.D. - Min. O.D.)	5 (0.70" - 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 #	PART #
LG-250 Sealed Fiber Optic Splice Closure – 96 Single or 144 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-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
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	FC000209
1X6 Cable Splitter Kit	Splitter	FC000070
Pole or Wall Mount Bracket – For use with LG-150/250/350.	PWK	FC000592
LG-200 Slack Basket for storing excess ribbon slack	LG-200-SL-BSKT	911575-00-00
Terminal Adapter – For use with LG-250.	LLAS-200-12SC	FC000068