



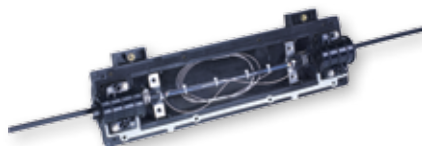
## LightGuard™ 55 Sealed Fiber Optic Splice Closure

Designed with versatility in mind, the LightGuard (LG) 55 sealed closure from AFL offers a variety of solutions including repair and distribution splicing, grounding for Fiber-in-the-Loop applications, and for use as an isolation gap with armored cables. This closure accepts stranded loose tube, Uniflex® or ribbon fiber cables in either armored or dielectric configurations and can be utilized in a butt or in-line configuration.

The LG-55 closure incorporates a unique cable clamp design sealing the cable, allowing both of the cover halves to be removed without disturbing the contents. In addition, AFL's Peel & Seal Grommet System™ is incorporated to ensure a tight fit on various cable diameters, fully sealing the closure and protecting the fiber while eliminating cumbersome tape and washers – making installation fast and easy.

### Features

- Accommodates cables to 0.77" O.D. for splicing and grounding / bonding
- Incorporates the Peel & Seal Grommet System, fully sealing the closure
- Includes removable, integral central splicing module and individual cable retention clamps



*Inline Repair Closure (IRC) for repair of flat or round drop cables*

### Specifications

PARAMETER	VALUE
Splice Capacity (Max.) – Single, Mass, Mechanical	24, n/a, n/a
Number of Splice Trays (Max.) – Single, Mass, Mechanical	1, n/a, n/a
Cable Entrance Configuration	In-line / Butt
Cable Ports	2 (3 using dual cable entry port kit)
Cable Sizes (Max. O.D.)	2 @ 0.60" (for in-line splice configuration) 2 @ 0.77" (for in-line ground / bond configuration) 2 @ 0.45" (for butt splice configuration)
Dimensions – (L x D) in. (cm)	14 x 4 (34.30 x 10.16)
Weight – lbs. (kg)	3.0 (1.36)

### Ordering Information

DESCRIPTION	MODEL NO.	AFL NO.
LG-55 Sealed Fiber Optic Splice Closure – 24 fusion splice capable and includes (2) cable kits for sealing / retention, (2) Cable Grounding Kits, (1) Dual Cable Entry Port Kit and a grounding terminal. Splice tray not included.	LG-55-U-0	FC000034-PS
LG-55 In-line Repair Closure	LG-55-IRC	FC000793-PS
LG-55 with Stainless Steel Hardware for Harsh Environments	LG-55-U-SS	FC000711
LG-55 Splice Tray – Stores 24 single fusion splices and includes base, cover, (3) eight-position splice holders and tie-wraps. Maximum of (1) tray in the LG-55.	LL-2425	FC000247
Dual Cable Entry Port Kit – Allows two cables to enter closure from each cable port. Includes one dual port cable grommet to increase the closure to four ports.	Dual Cable Entry Port Kit	FC000337
Cable Grounding Kit – Includes harness and hose clamp (one kit required per cable entry)	CGH-1	FC000003
Cable Grounding Harness Kit – Includes (4) 8" long ground harnesses constructed of #6 AWG conductor.	CGH-4	FC000024