



## Features

- Four individual, self-sizing grommeted cable ports:
  - 2 express ports
  - 2 multi-drop ports
- Up to 16 connections with use of LGX®118 duplex adapters
- Special multi-drop grommet and cable retention
- Special lock-out interior enclosure
- (2) 8-pack adapter plates
- Patented tongue-in-groove cover seal system
- Cable retention clamps provide pullout rating required by Telcordia™
- Engineered thermoplastic to meet Telcordia™ aerial and UV resistance requirements
- Protective channel allowing taut fibers or bundles to pass through the closure
- Rural Utilities Service (RUS) Listed

## LightGuard™ 500 FTTx Aerial Weathertight Fiber Optic Splice Closures

The AFL LightGuard (LG) 500 FTTx Aerial Weathertight Fiber Optic Splice Closures are designed to allow for Taut Sheath (no slack) splicing in aerial applications such as FTTx access networks. The LG-500 FTTx provides access for 1 to 16 subscriber drops.

## Specifications

PARAMETER	VALUE
Splice Capacity (Max.) - Single	Up to 32
Number of Splice Trays (Max.) - Single	1, N/A
Cable Entrance Configuration	In-line (taut sheath)
Cable Ports	2 - express    2 - multi-drop
Cable Sizes (Max. O.D. – Min. O.D.)	0.3-0.77" express 0.22-0.38" drop
Dimensions - (L x D) in. (cm)	27.00 x 8.3 x 4.00 (68.6 x 21 x 10.2)
Weight - lbs. (kg)	6.4 (2.9)

## Ordering Information

DESCRIPTION	MODEL NO.	AFL NO.
Aerial Weathertight Fiber Optic Splice Closure for FTTx applications– Includes: splice tray to accommodate up to 32 single fusion splices, (2) Blank adapter bulkheads (SC style), (2) Grounding terminals and 4 individual self-sealing ports. With an LGX118 footprint can connect up to 16 subscribers. Special interior lock out protective closure. Does not include cable grounding kits.	LG-500-U-FTTx	FC000848
Closure Extension Kit - Used to join multiple closures for extended sheath openings required to repair cable sheath and damaged fibers	LG-400/LG-500	911499-00-00
Dual Grommet Cable Expansion Kit - Includes (2) LG-400 Dual Grommets and Cable Hardware	LG-400/LG-500 Dual Grommet Kit	911386-00-01
Closure Extension Kit - Used to join multiple closures for extended sheath openings required to repair cable sheath and damaged fibers	LG-400/500	911499-00-00
Cable Grounding Harness - Includes: (4) Harness 8" #6 AWG	CGH-4	FC000024
Extended Aerial Hanger Kit	LG-400/LG-500	911497-00-00
Adjustable Bracket	LG-400/LG-500	FC000572
LG-500 6-Port Drop Cable Kit	6-Port Drop Kit	FC000573