



## MuxGuard™ 250 Sealed Fiber Optic Splice Closure

The MuxGuard 250 is a sealed dome closure designed with pre-installed Thin Film Filter (TFF) Compact Series CWDMs or DWDMs that allow for MUXing and DEMUXing within the same closure. The closure is also equipped with pre-installed splice trays that keep the bandwidth signals separated from each other, thus preventing accidental signal loss during maintenance activities. All fibers from the WDMs are routed to the appropriate splice tray through color-coded transition tubes. The closures are available with 4-channel or 8-channel units. As with other LG Series Sealed Closures, these closures require no tools for re-entry, and each closure may be padlocked as necessary.

### Specifications

PARAMETER	VALUE
Splice Capacity (Max.) – Single	96
Number of Splice Trays (Max.) – Single	4
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)

### Features

- Factory pre-installed devices
- Factory pre-installed transition tubes with fibers routed to appropriately designated bandwidth splice trays
- Color-coded transition tubes
- Installation and re-entry using common hand tools
- Fully sealed to protect fiber, splices and devices
- Fully kitted with all parts to install five cables
- Designed and tested to Telcordia® GR-771 requirements
- Rural Utilities Service (RUS) Listed

### Ordering Information

DESCRIPTION	MODEL NO.	AFL NO.
MuxGuard 250 Sealed Closure	LG-250-CWDM-8-301 (1471-1611) LG-250-CWDM-4-302 (1471-1531) LG-250-CWDM-4-303 (1551-1611) LG-250-CWDM-8-301-121-500	FC000800 FC000801 FC000802 FC000803
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
1X6 Fiber Router Kit	Router	FC000070
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

\* See pages 14 through 17 for Accessory Specifications.  
See page 24 for Splice Tray Specifications.