



## LG-100 Sealed Fiber Optic Splice Closure

The LG-100 is a sealed dome closure designed for small count fiber splicing ( $\leq 36$  single or 144 mass) in a butt configuration. Utilized in aerial or underground environments where a sealed closure is required. Ideal for express or ring applications. The LG-100 requires no tools for re-entry.

### Features

- Supports loose tube, core tube, dielectric and armored cable designs
- 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	36, 144, na
Number of Splice Trays (Max.) - Single, Mass, Mechanical	3, 3, na
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)	18.25 x 8.75 (46.36 x 22.23)
Weight - lbs. (kg)	10.5 (4.76)

### Ordering Information

DESCRIPTION	MODEL #	PART #
Dome Closure, 36 Single or 144 mass fusion capable, 5 cable kits for sealing and retention, Grounding Terminal. No cable grounding kits, hanger brackets or splice trays.	LG-100-U-0	FC000001
Splice Tray, Stores 12 single fusion splices, base, cover, (2) six position splice holders, tie-wraps (maximum of 3 trays in LG-100)	LL-2450	91957-00
Splice Tray, Stores 8 mass fusion sleeves, base, cover, (2) four position ribbon sleeve holders, tie-wraps (maximum of 3 trays in LG-100)	LL-4850	91958-00
Splice Tray, Stores 12 single fusion splices or 4 mass fusion splices (48 fibers), base, cover, (2) six position splice holders, (1) four position ribbon sleeve holders, tie-wraps (maximum of 3 trays in LG-100)	LL-1248	911221-00-00
Cable Expansion Kit for LG 100/200, includes cable sealing, retention & bonding components for adding 1 cable	MP-CEK	911201-02
Cable Grounding Kit - Harness, Hose clamp - One kit per cable entry - For LG-100/200/300	CGH-1	FC000003
5 Cable Grounding Kits - Harness, Hose clamp - For LG 100/200/300	CGH-5	FC000040
O Ring replacement kit for the LG-100 or LG-200	O Ring Replacement	FC000004
Universal Aerial Offset Strand Hanger Kit - For LG-100/200/300	Universal Hanger	FC000006
Extended Offset Strand Hanger Kit - For LG-100/200/300	Extended Offset Hanger	FC000209
1X6 Cable Splitter Kit	Splitter	FC000070
LG-100/200/300 Pole or Wall Mount Bracket	PWK	911969-00-00
Port Plug Removal Tool LG-100/200	PRT-1	FC000005