

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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3M

Fiber Optic Closures, Trays and Accessories

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How to Search this Catalog

This digital catalog provides you with two quick ways to find the products and information you're looking for. Just point and click on the bookmarks to the left or the labeled sections of the table of contents. You can also use the "search" function built into Adobe Acrobat to jump directly to any text reference in this document.

Acrobat "Search" function instructions:

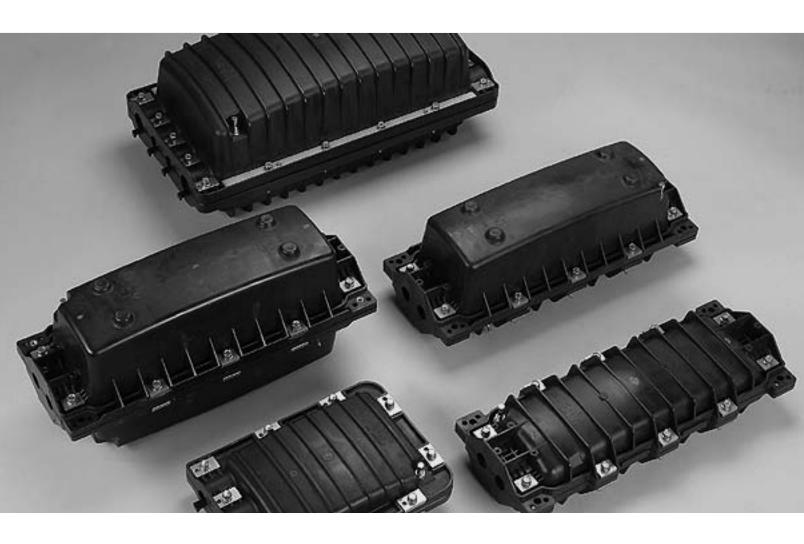
- 1. Press CONTROL + F
- 2. When the dialog box appears, type in the word or words you are looking for and press ENTER.
- 3. Depending on your version of Acrobat, it will either take you directly to the first instance found, or display a list of pages where the text can be found. In the latter, click on the link to the pages provided.

How to Search the 3M Website

3M Solutions Tool

The solutions tool is designed to show you the breadth of the 3M product line and allow you to drill into specific categories to identify solutions. To use this free Internet support tool, visit: http://www.3M.com/Telecom.

3M™ Fiber Optic Splice Case 2178 Series and Accessories



Fiber Optic Splice Closure 2178-XSB

As more fiber is deployed in the distribution network, more severe and compact environments are encountered. The compact 2178-XSB closure features a rugged closure tested under harsh, real-world conditions to stand up to even the most severe conditions of moisture, vibration, and extreme temperatures.

The closure is the smallest member of the successful 2178 series of fiber optic splice closures. The design concept, appearance, and method of installation are almost identical to the other members of the 2178-series family, so no special tools or complicated training procedures are



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required for installation. The 3M™ Fiber Optic Splice Closure 2178-XSB is easily reenterable to allow access to splices and the addition of drops or small diameter cables. It can be installed in any OSP environment: buried and underground (pedestal, handhole, and manhole) aerial (strand and pole mount) and wall mount applications.

The compact size of the 2178-XSB closure (14.56" x 10.1" x 4.62") makes it ideal for pedestal and handhole splicing, particularly for FTTP applications. Specifically designed for butt splicing applications only, the closure has 3 cable entry ports (two 1.0" ports and one 1.4" ports). The multi-port grommets feature provides for simple, flexible and future-proof drop or small diameter branch cable additions.

The 2178-XSB closure offers a flexible fiber management system for splicing and storage with both stackable and hinged trays that accommodate various types of splices (single or mass fusion and mechanical). The maximum single fusion and mass fusion splice capacity for the 2178-XSB is 72 and 144 fibers, respectively.

FEATURES BENEFITS

Constructed of a highly chemical-resistant material	Can be deployed in all environments: buried, underground and aerial
Gasket seal	Easy reentry and reusable seal
Unique strength member clamp assembly	Prevents cable sheath movement with temperature changes
Compact size	Easily fits into most pedestals and handholes
Spacious fiber management area	Bottom half of the closure provides separate area for routing, protecting, and "expressing" buffer tubes and ribbon fibers
Flexible drop or cable addition	Multiport grommet provides entry for up to 6 drops or small diameter cables.
No special tools required	Easy installation and reentry
Pressurization valve	Provides ability to flash test





Fiber Optic Splice Case 2178-L/S Series

The 2178-L/S series is made of a tough chemical-resistant material and a new gasket seal that make this the ideal splice case for outside plant, underground, aerial and pedestal applications.

The 2178-L/S series is designed with larger and smaller interchangeable closure halves so you can select the size case that meets your needs today but with the flexibility to expand for the future. Cable ports and space for trays can be added at reentry with the Cable Addition Kit 2181-L/S series.

The ease of installation is unsurpassed, requiring no special tools or complicated training procedures. The closures are easily reenterable to allow access to the splices.

The 2178-L/S series features a tough, rigid non-filled case, tested under real-world conditions, that stands up to even the most severe conditions of moisture, vibration and extreme temperatures. The closure will withstand up to 90.7 kg (200 lbs.) compression.

Design improvements to the 2178-L/S series include changes to improve the cable strain relief and a movable tray support. The closures hold cables of various sizes and provides flexibility to add ports on both ends with the cable addition kit. The 2178-L/S series splice cases can be used with the 3M splice organizer trays 2522, 2523, 2527 and 2524 and most other commercially available trays.

FEATURES

BENEFITS

Gasket seal	Easy reentry and reusable seal
Constructed of a highly chemically resistant material	Use in buried applications
Unique strength member clamp assembly	Prevents cable sheath movement with temperature changes
Several sizes with interchangeable parts	Expandable system to fit capacity and space requirements
Multiple cable entry options	Butt or in-line configuration for splicing
No special tools required	Easy installation and reentry
Non-filled closure	No compound required; easy reentry
Multiple ground studs	Isolated grounding capability
Pressurization valve	Provides ability to flash test
Varying cable port sizes	Accommodates all common feeder and distribution cable sizes
Expandable from two cable entries per end up to eight	Add cable with minimum disturbance; eliminates splice rebuilding when adding lines

3M™ FIBER OPTIC SPLICE CASE 2178 SERIES

Flame Retardant Fiber Optic Splice Case 2178-L/S-FR Series

Designed for use in vault and building applications, the 2178-L/S-FR series splice cases are molded with a flame retardant material that allows these closures to pass Telcordia Technologies (Bellcore), UL and various global specifications that require a flame retardant rating.

Meet your changing network needs

The 2178-L/S-FR series cases are designed with larger and smaller interchangeable closure halves so that you can select the size and case that meets your needs today with the flexibility to expand in the future. Cable ports and space for trays can be added at reentry with the 3M Cable Addition Kit 2181-L/S-FR.

The ultimate protection for fiber optic connections

The 2178-L/S-FR series features tough, rigid non-filled cases, tested under real-world conditions, that stand up to even the most severe conditions of moisture, vibration and extreme temperatures.

Design improvements to the 2178-L/S-FR series include changes to improve the cable strain relief and a movable tray support. The closures hold cables of varying sizes and provide flexibility to add ports to both ends with the cable addition kit. Both the 2178-L/S series and the 2178-L/S-FR series splice cases can be used with the 3M splice organizer trays 2522, 2523, 2527 and 2524 and most other commercially available trays.

FEATURES BENEFITS

Constructed of flame retardant materials	Increases resistance of closure to effects of sprays and release agents
Gasket seal	Easy reentry and reusable seal
Unique strength member clamp assembly	Prevents cable sheath movement with temperature changes
Several sizes with interchangeable parts	Expandable system to fit capacity and space requirements
Multiple cable entry options	Butt or in-line configuration for splicing
No special tools required	Easy installation and reentry
Non-filled closure	No compound required; easy reentry
Multiple ground studs	Isolated grounding capabilities
Pressurization valve	Provides ability to flash test
Expandable from two cable entries per end up to eight	Add cable with minimum disturbance; eliminates splice rebuilding when adding lines
Same design and installation practice as 2178-L/S series	Use in vault and building applications

MAXIMUM SPLICE CAPACITIES WITH SPLICE ORGANIZER TRAYS

CONFIGURATION CLOSURE TRAY QTY. 3M" FIBRLOK" SPLICES FIBRLOK MULTI-FIBER SPLICES SINGLE FUSION MASS FUSION 2178-S w/2 2522* 2178-S 2522 2 24 16 (192 fibers) 48 20 (240 fibers)** 2178-S w/2 2523* 2178-S 2523 2 48 24 (288 fibers) 96 24 (288 fibers)** 2178-S w/2 2524* 2178-S 2524 2 48 2 2178-S w/2 2524-FT* 2178-S 2524-FT 2 48 2178-S w/2 2524-MF* 2178-S 2524-MF 2 4 6 (72 fibers) 2178-S w/4 2522* 2178-S 2522 4 48 32 (384 fibers) 96 40 (480 fibers) One 2181-LS cable a	3M" FIBER OPTIC SPLICE CASE 2178-L/S SERIES				
2178-S w/2 2523* 2178-S 2523 2 48 24 (288 fibers) 96 24 (288 fibers)** 2178-S w/2 2524* 2178-S 2524 2 48 2178-S w/2 2524-FT* 2178-S 2524-FT 2 48 2178-S w/2 2524-MF* 2178-S 2524-MF 2 4 6 (72 fibers)	i				
2178-S w/2 2524* 2178-S 2524 2 48 2178-S w/2 2524-FT* 2178-S 2524-FT 2 48 2178-S w/2 2524-MF* 2178-S 2524-MF 2 4 6 (72 fibers)					
2178-S w/2 2524-FT* 2178-S 2524-FT 2 48 2178-S w/2 2524-MF* 2178-S 2524-MF 2 4 6 (72 fibers)					
2178-S w/2 2524-MF* 2178-S 2524-MF 2 4 6 (72 fibers)					
2178-S w/4 2522* 2178-S 2522 4 48 32 (384 fibers) 96 40 (480 fibers) One 2181-LS cable a					
	ddition kit				
2178-S w/4 2523* 2178-S 2523 4 96 48 (576 fibers) 192 48 (576 fibers) One 2181-LS cable a	ddition kit				
2178-S w/4 2524* 2178-S 2524 4 96 One 2181-LS cable a	ddition kit				
2178-S w/4 2524-FT* 2178-S 2524-FT 4 96 One 2181-LS cable a	ddition kit				
2178-S w/4 2524-MF* 2178-S 2524-MF 4 8 12 (144 fibers) One 2181-LS cable a	ddition kit				
2178-LS w/5 2522* 2178-LS 2522 5 60 40 (480 fibers) 120 50 (600 fibers)					
2178-LS w/5 2523* 2178-LS 2523 5 120 60 (720 fibers) 240 60 (720 fibers)					
2178-LS w/7 2524-FT* 2178-LS 2524-FT 7 168					
2178-LS w/7 2524-MF* 2178-LS 2524-MF 7 14 21 (252 fibers)					
2178-LL* 2178-LL — — Same splice capacity	as the LS				
2178-LS w/8 2522* 2178-LS 2522 8 96 64 (768 fibers) 192 80 (960 fibers) One 2181-LS cable a	ddition kit				
2178-LS w/8 2523* 2178-LS 2523 8 192 96 (1152 fibers) 384 96 (1152 fibers) One 2181-LS cable a	ddition kit				
2178-LS w/10 2524-A* 2178-LS 2524-A 10 240 40 (480 fibers) One 2181-LS cable a	ddition kit				
2178-LS w/10 2524-FT* 2178-LS 2524-FT 10 240 One 2181-LS cable a	ddition kit				
2178-LS w/10 2524-MF* 2178-LS 2524-MF 10 20 30 (360 fibers) One 2181-LS cable a	ddition kit				
2178-LS w/10 2522* 2178-LS 2522 10 120 80 (960 fibers) 240 100 (1200 fibers) Two 2181-LS cable at	ddition kits				
2178-LS w/13 2524-FT* 2178-LS 2524-FT 13 312 Two 2181-LS cable at	ddition kits				
2178-LS w/13 2524-MF* 2178-LS 2524-MF 13 26 39 (468 fibers) Two 2181-LS cable at	ddition kits				
2178-XL-2524* 2178-XL 2524 7 168 — 192 —					
2178-XL-2524-FT* 2178-XL 2524-FT 7 168 — 192 —					
2178-XL-2522 2178-XL 2522 6 84 504 192 840					
2178-XL-2523 2178-XL 2523 6 168 1008 336 1680					
2178-XL-2527 2178-XL 2527 7 192 576 384 1152					
2178-XL-2527 2178-XL 2527 14 384 1152 768 2304 (Double Stack)					
2178-XSB-EG-IT-6PGA 2178-XSB 2532 2 12 — 48 144					
2178-XSB-EG-IT 2178-XSB 2532 2 12 — 48 144					

^{*}Flame Retardant

NOTE: 2178-LL has the same splice capacity as 2178-L/S with additional space for buffer storage. Capacity may be affected by the cable size and number of cables installed. Please call Customer Service for more information.

3M™ FIBER OPTIC SPLICE CASE 2178 SERIES

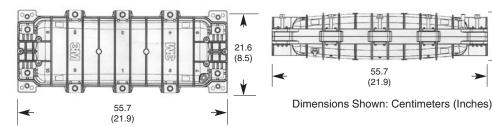
Small Fiber Optic Splice Case 2178-S and 2178-S/FR

PRODUCT NUMBER: 2178-S PKG. (LBS.): 1 EACH (12.00) MIN. ORDER: 1 EACH UPC: 051138-57777

Contains materials for installation of 3 cables.

PRODUCT NUMBER: 2178-S/FR PKG. (LBS.): 1 EACH (12.00) MIN. ORDER: 1 EACH UPC: 051138-70841

Contains materials for installation of 3 cables, gray.



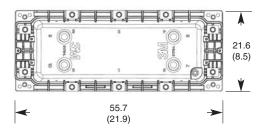
Large Fiber Optic Splice Case 2178-LS and 2178-LS/FR

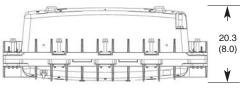
PRODUCT NUMBER: 2178-LS PKG. (LBS.): 1 EACH (14.00) MIN. ORDER: 1 EACH UPC: 051138-57778

Contains materials for initial installation of 4 cables.

PRODUCT NUMBER: 2178-LS/FR PKG. (LBS.): 1 EACH (14.00) MIN. ORDER: 1 EACH UPC: 051138-70840

Contains material for installation of 4 cables, gray.





Dimensions Shown: Centimeters (Inches)

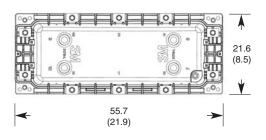
Extra-Large Fiber Optic Splice Case 2178-LL and 2178-LL/FR

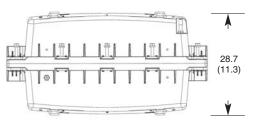
PRODUCT NUMBER: 2178-LL PKG. (LBS.): 1 EACH (12.00) MIN. ORDER: 1 EACH UPC: 051138-57926

Contains materials for initial installation of 4 cables.

PRODUCT NUMBER: 2178-LL/FR PKG. (LBS.): 1 EACH (12.00) MIN. ORDER: 1 EACH UPC: 051138-70842

Contains material for installation of 4 cables, gray.





Dimensions Shown: Centimeters (Inches)







3M™ FIBER OPTIC SPLICE CASE 2178 SERIES



Fiber Optic Splice Case 2178-XL and 2178-XL/FR

PRODUCT NUMBER: 2178-XL PKG (LBS.): 1 EACH (28.00) MIN. ORDER: 1 EACH UPC: 051138-88927

Contains material for initial installation of 4 cables.

PRODUCT NUMBER: 2178-XL/FR PKG (LBS.): 1 EACH (28.00) MIN. ORDER: 1 EACH UPC: 051138-88929

Contains material for initial installation of 4 cables, gray.



Fiber Optic Splice Closure 2178-XSB and 2178-XSB/FR

PRODUCT NUMBER: 2178-XSB PKG: 1 EACH MIN. ORDER: 1 EACH UPC: 051115-16219

Contains material for initial installation of 2 cables.

PRODUCT NUMBER: 2178-XSB/FR PKG: 1 EACH MIN. ORDER: 1 EACH UPC: 051115-16221

Contains material for initial installation of 2 cables, gray.

SPECIFICATIONS

2178 FIBER OPTIC SPLICE CLOSURE PRODUCT FAMILY CONFIGURATIONS								
PRODUCT DESCRIPTION NUMBER		CABLE ENTRY PORTS INLINE BUTT MPG		TRAYS Type Qty*		GROUND LUGS	FLAME RETARDANT	
2178-LL	Extra large fiber optic splice case	4	2	0	N/A	0	2	
2178-LL/FR	Flame retardant fiber optic splice case	4	2	0	N/A	0	2	Х
2178-LLC/FR	Flame retardant fiber optic splice case	4	2	0	N/A	0	2	Х
2178-LS	Large fiber optic splice case	4	2	0	N/A	0	2	
2178-LS/4 LUG	Fiber optic splice case with 4 ground plugs	4	2	0	N/A	0	4	
2178-LS/FR	Large, flame retardant, fiber optic splice case	4	2	0	N/A	0	2	Х
2178-LS/FR-27T	Small, flame retardant, fiber optic splice case, GND, 1 2527 tray	4	2	0	2527	1	2	Х
2178-LS-27T	Large fiber optic splice case, GND, 1 2527 tray	4	2	0	2527	1	2	
2178-LS+81-27T	Fiber optic splice case, 2181, GND, 1 2527 tray	8	4	0	2527	1	2	
2178-LS+81	Fiber optic splice case, 2181, GND, NO tray	8	4	0	N/A	0	2	
2178-S	Small fiber optic splice case	4	2	0	N/A	0	2	
2178-S/4 LUG	Fiber optic splice case with 4 ground plugs	4	2	0	N/A	0	4	
2178-S/FR	Small, flame retardant, fiber optic splice case	4	2	0	N/A	0	2	Х
2178-S/FR-27T	Small, flame retardant, fiber optic splice case, GND, 1 2527 tray	4	2	0	2527	1	2	Х
2178-S-27T	Small fiber optic splice case, GND, 1 2527 tray	4	2	0	2527	1	2	
2178-XL	Fiber optic splice case	8	4	0	N/A	0	0	
2178-XL/FR	Flame retardant fiber optic splice case	8	4	0	N/A	0	0	Х
2178-XSB-0G-0T	Fiber optic splice closure, no GND, no tray	0	3	0	N/A	0	0	
2178-XSB/FR-0G-0T	Flame retardant fiber optic splice closure	0	3	0	N/A	0	2	Х
2178-XSB-EG-0T	Fiber optic splice closure, GND, no tray	0	3	0	N/A	0	2	
2178-XSB-EG-0T-6PGA	Fiber optic splice closure, GND, no tray, MPG	0	3	1	N/A	0	2	
2178-XSB-EG-1T-6PGA	Fiber optic splice closure, GND, 1 2532 tray, MPG	0	3	1	2532	1	2	
2178-XSB-EG-1T	Fiber optic splice closure, GND, 1 2532 tray	0	3	0	2532	1	2	
*For maximum splice cap	acity, see pg. 234.							

PRODUCT NUMBER/ PACKAGING INFO	DESCRIPTION
2170 PKG (LBS.): 50 EACH (0.10) MIN. ORDER: 50 EACH UPC: 054007-17676	Fiber Optic Splice Sleeve Transparent plastic tube and stainless steel rod designed to prevent stress and protect fusion fiber optic splices in field and factory operations.
2171 PKG (LBS.): 50 EACH MIN. ORDER: 50 EACH UPC: 054007-14547	BPEO Fiber Optic Splice Sleeve Transparent plastic tube and stainless steel rod designed to prevent stress and protect fusion fiber optic splices in field and factory operations.
2172 PKG: 100 EACH MIN. ORDER: 100 EACH UPC: 051138-36612	Strength Member Clamp for Fiber Cable Clamps strength member to cable sheath.
2178-EGI PKG (LBS.): 5 EACH MIN. ORDER: 5 EACH UPC: 051138-57930	External Ground Isolation Kit Provides a means to ground each cable shield with waterproof isolation. The 2178-EGI housing can be used with any of the LL series 2178-L/S fiber optic splice cases and 2178-L/S-FR Series, and is placed in the cable port. Contents of 2178-EGI kit: two 2178-EGI housing assemblies and caps, two ground wire assemblies, two O-rings, two bolts and two 4460-O/FO shield bond connectors.
2178-LS/GSKT PKG (LBS.): 10 KITS (19.00) MIN. ORDER: 10 KITS UPC: 051138-57929	Gasket Kit for 2178-LS/FR Series Provides isolated grounds when using ground with sheath.
2178-XSB-1.4B PKG: 5 EACH MIN. ORDER: 5 EACH UPC: 051115-19058	Cable Branch Port Kit Single cable entry for 1.4" cable entry port.
2178-125 PKG (LBS.): 8 EACH (5.00) MIN. ORDER: 8 EACH UPC: 054007-91019	Mastic Sealing Tape, Reenterable* For use with splice cases 2178 and 2178-G.
010.034007-31013	*For use only with 2178 classic.
2178-281 PKG: 14 EACH MIN. ORDER: 14 EACH UPC: 051138-58633	CORD Reenterable Mastic* For use with splice cases 2178 and 2178-G.
	*For use only with 2178 classic.
2178-4PGA PKG: 5 EACH MIN. ORDER: 5 EACH UPC: 051115-19057	4-Port Grommet For Corning Cable SST-Drop Cable (RB4-141-01A20).
2178-6PGA	6-Port Grommet
PKG: 5 EACH MIN. ORDER: 5 EACH UPC: 051115-19056	For Corning Cable SST-Drop Cable (RB4-141-01A20).





















PRODUCT NUMBER/ PACKAGING INFO

DESCRIPTION

2180

PKG (LBS.): 1 EACH (1.90) MIN. ORDER: 1 EACH UPC: 054007-17533

Cable Kit*

Mastic tape and cord, and other materials to reenter 3M Splice Case 2178.

All materials required for reentry into 2178 splice case. Includes plugs, washers and sealing materials.

Kit includes two plugs, two hose clamps, four green cable ties, four blue cable ties, one hex key, 48 sealing washers, one box sealing cord and one box sealing tape.

*For use only with 2178 classic.



2181

PKG (LBS.): 1 EACH (14.00) MIN. ORDER: 1 EACH UPC: 051138-89321

Cable Addition Kit*

Contains mastic, cable adapter and materials for installing additional cables in 2178 splice case.

For use with 2178 and 2178-G splice cases. Contains mastic, cable adapter and materials for installing additional cables in 2178 splice case. This kit permits butt splicing of multiple cables from a single and after initial plant construction. Splice rearranging, branch cables and customer premise drop can be added with minimal disturbance to plant in service.

Kit includes one cable adapter, three plugs, four hose clamps, four green cable ties, four blue cable ties, one spacer clamp assembly, one box sealing cord, one box sealing tape, ten bolts and eight sealing washer trees.

*For use only with 2178 classic.







2181-B

PKG (LBS.): 1 KIT (1.20) MIN. ORDER: 1 KIT UPC: 054007-17678

Fiber Optic Double Butt Adapter Bolt Kit

Contains bolts for installation of two 3M Cable Addition Kits 2181-LS.

2181-C

PKG (LBS.): 1 KIT (1.20) MIN. ORDER: 1 KIT UPC: 054007-92597

Triple Adapter Kit

Contains bolts for installation of three 2181-LS cable addition kits.

2181-LS

PKG (LBS.): 1 EACH (8.30) MIN. ORDER: 1 EACH UPC: 051138-57927

Cable Addition Kit*

Contains gasket and materials for installing additional cables.

*For use with 2178-L/S series closures.

2181-LS/FR

PKG (LBS.): 1 EACH (8.00) MIN. ORDER: 1 EACH UPC: 051138-75414

Cable Addition Kit*

Contains gasket and materials for installing additional cables and is flame retardant.

*For use with 2178-L/S series closures.

PRODUCT NUMBER/ PACKAGING INFO	DESCRIPTION
2183-UHB PKG (LBS.): 1 KIT (1.10) MIN. ORDER: 1 EACH UPC: 051138-34602	Universal Aerial Hanger Bracket Kit Hardware for aerial installation. The 2183 universal aerial hanger kit can be used with 2178, 2178-G or 2178-L/S and 2178-L/S-FR series splice cases for use in aerial applications. The kit also accommodates the 2178 splice case with one or two 3M Cable Addition Kits 2181. Contents of 2183 hanger kit: four nylon stop nuts, two corner inserts with studs, two universal hanger bracket assemblies.
2197 PKG (LBS.): 1 KIT (1.60) MIN. ORDER: 1 EACH UPC: 054007-92222	Aerial Hanger Bracket Kit Contains hardware for aerial installation with hinged cover. The 2197 aerial hanger/hinge kit can be used with 2178, 2178-G or 2178-L/S and 2178-L/S-FR series splice cases for use in aerial applications. The kit also accommodates the 2178 splice case with one or two 2181 cable addition kits. The 3M Aerial Hanger/Hinge Kit 2197 provides additional hardware to attach the splice case cover to its base. Contents of 2197 kit: six corner inserts, 12 nuts, two flexible hinges, two "L" brackets, two bonding/hanger brackets and two bolts with washers.
2198 PKG: 1 KIT MIN. ORDER: 1 KIT UPC: 051138-36613	Wall Mount Bracket For use with 2178-S, LS, MS and M/LS fiber cases.
2199 PKG (LBS.): 1 KIT (4.00) MIN. ORDER: 1 KIT UPC: 051138-57928	Wall Mount Bracket For use with 2178-LL and M/LL fiber cases.
25T-BBE6 PKG (LBS.): 1 EACH (3.00) MIN. ORDER: 1 EACH UPC: 054007-32671	Bond Braid With 6" eyelets.
2519 PKG: 10 KITS MIN. ORDER: 10 KITS UPC: 051138-57722	Cable Fanout Kit Transitions cable buffer tubes or single tube to fiber tube.
2519-X PKG: 10 KITS MIN. ORDER: 10 KITS UPC: 051138-57723	Cable Fanout Expander Kit Transitions one fiber tube to two fiber tubes.



























PRODUCT NUMBER/ DESCRIPTION **PACKAGING INFO**

PKG (LBS.): 50 EACH (0.90)

MIN. ORDER: 50 EACH UPC: 051138-36414

Fiber Tube Transport Tubing, 1 ft

Protects single or ribbon fiber between trays; cut in one-foot lengths.

2521-F

PKG (LBS.): 12 PKGS. (0.55) MIN. ORDER: 12 PKGS. UPC: 051138-36412

Fusion Splice Insert, 2 Pack

Holds 12 single fusion splices in each insert, used in 3M Fiber Splice Organizer Trays 2522/2523.

2521-FL

PKG (LBS.): 12 (0.40) MIN. ORDÉR: 12 PKGS. UPC: 051138-36413

3M™ Fibrlok™ Splice Insert, 2 Pack

Holds six splices in each insert, used in 2522/2523 trays.

2521-MF

PKG (LBS.): 12 PKGS. (0.50) MIN. ORDER: 12 PKGS. UPC: 051138-36411

Fibrlok Multi-Fiber Splice Insert

Holds four multi-fiber splices in each insert, used in 2522/2523 trays.

2521-RF

PKG (LBS.): 12 PKGS. (1.00) MIN. ORDER: 12 PKGS. UPC: 051138-36415

Ribbon Fusion Splice Insert

Holds five ribbon fusion splices in each insert, used in 2522/2523 trays.

2522

PKG (LBS.): 3 EACH (3.00) MIN. ORDER: 3 EACH UPC: 051138-36522

Small Fiber Splice Organizer Tray

Holds two 3M Splice Inserts 2521 Series (sold separately).*

The 2522 tray stores and protects discrete and mass, mechanical and fusion fiber optic splices in closures and fiber distribution units. The 2521 series splice inserts are easily added to either tray to secure splices into the trays. Fibers are routed into the trays using 3M Fiber Tube Transition Tubing 2520 that zips over the fibers.

*Splice inserts must be ordered separately. See above.

2523

PKG (LBS.): 3 EACH (4.00) MIN. ORDER: 3 EACH UPC: 051138-36523

Large Fiber Splice Organizer Tray

Holds four 2521 series splice inserts (sold separately).*

The 2523 tray stores and protects discrete and mass, mechanical and fusion fiber optic splices in closures and fiber distribution units. The 2521 inserts are easily added to either tray to secure splices into the trays. Fibers are routed into the trays using 2520 tubing that zips over the fibers.

*Splice inserts must be ordered separately. See above.

PRODUCT NUMBER/ DESCRIPTION **PACKAGING INFO** 2524 **Splice Organizer Tray** PKG (LBS.): 3 EACH (2.80) Holds 24 3M™ Fibrlok™ Splices and eight buffer tubes. MIN. ORDER: 3 EACH UPC: 051138-11514 The 3M Fibrlok Splice Organizer Tray 2524 holds 24 Fibrlok splices (2525, 2590, 2599, 2529) and accommodates up to eight buffer tubes holding up to 48 fibers (900 µm or 250 µm). The tubes are secured with channel snaps so that cable ties are not required. The fibers all enter the tray in one corner eliminating the need for figure 8's in the fiber. An important design feature of these stackable trays is the snap-on hinge cover on each tray. Individual trays may be accessed without disassembly of the trays above or below - and without kinking buffer tubes. The 2524 tray can be adapted for fusion splice storage using the 2524F insert. The 2524 tray fits and mounts in the 3M Fiber Optic Splice Closure 2177, the 2178 and the 2178-S splice cases. 2524-A **Splice Organizer Tray** PKG (LBS.): 3 EACH (0.96) Holds four mass fusion or 24 single fusion splices, or a MIN. ORDER: 3 EACH combination of 20 single fusion and four mass fusion. UPC: 054007-92320 2524-F **Fusion Splice Insert** PKG (LBS.): 24 EACH (0.40) Adapts the 2524 tray for fusion splices. MIN. ORDER: 24 EACH UPC: 054007-57150 Contains gasket and materials for installing additional cables and is flame retardant. 2524-FT **Fusion Splice Organizer Tray** PKG (LBS.): 3 EACH (0.96) Holds 24 single fusion splices. MIN. ORDER: 3 EACH The Fibrlok splice organizer tray 2524 holds 24 Fibrlok splices UPC: 051138-11513 (2525, 2590, 2599, 2529) and accommodates up to eight buffer tubes holding up to 48 fibers (900 µm or 250 µm). The tubes are secured with channel snaps so that cable ties are not required. The fibers all enter the tray in one corner eliminating the need for figure 8's in the fiber. An important design feature of these stackable trays is the snap-on hinge cover on each tray. Individual trays may be accessed without disassembly of the trays above or below - and without kinking buffer tubes. The 2524-FT tray holds up to 24 fusion splices. The 2524-FT tray fits and mounts in the 2177 fiber optic splice closure, the 2178 splice case and the 2178-S splice case. 2524-MF Fibrlok Multi-Fiber Splice Organizer Tray PKG (LBS.): 3 EACH (3.00)

Holds three Fibrlok multi-fiber and four single Fibrlok splices.

MIN. ORDER: 3 EACH UPC: 051138-34352









		3M™ SPLICE CASE 2178 ACCESSORIES			
		PRODUCT NUMBER/ PACKAGING INFO	DESCRIPTION		
	9	2526 PKG: 24 KITS MIN. ORDER: 24 KITS UPC: 051138-36648	Strap Kit for Organizer Trays Holds 2522 and 2523 trays in place in closure.		
40		2527 PKG: 3 EACH MIN. ORDER: 3 EACH UPC: 051168-89008	Fiber Splice Organizer Tray The 2527 tray will store a variety of splices. It stores up to 24 single fusion or 144 mass fusion splices and has entry from all corners. It maintains the minimum bend radius of fiber. It will accommodate 3M Fiber Tube Transport Tubes and all buffer tubes. The tray has a clear cover and splice holders included.		
		2532 PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 051115-16220	Fiber Splice Organizer Tray for 2178-XS Closures Tray is stackable and accommodates 24 single and 72 mass fusion splices.		
		2538-24-DF/72-MF PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 051115-19208	Fiber Optic Splice Tray w/24 Discrete/72 Mass Fusion Stackable tray that will store both discrete and mass fusion splices.		
		2539-12-DF PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 051115-19209	Fiber Optic Splice Tray w/12 Discrete Fusion Splices Hinged tray.		
		2540-12-DF/36-MF PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 051115-19210	Fiber Optic Splice Tray w/12 Discrete/72 Mass Fusion Hinged tray.		
		4414 PKG (LBS.): 1 EACH (1.40) MIN. ORDER: 1 EACH UPC: 054007-57218	Cable Cleaning Kit Provides all the necessary materials for cleaning the filling compound from filled copper and fiber optic cables in an easy-to-transport kit.		
		4460-D/FO PKG (LBS.): 100 EACH (7.95) MIN. ORDER: 100 EACH UPC: 054007-92757	3M" Scotchlok" Shield Bond Connector Assembly Provides grounding and strength and member clamp.		
Decal System Facility in America * Bright Amer	The control of the paper for the control of the con	5025-KIT PKG (LBS.): 1 KIT (6.05) MIN. ORDER: 1 KIT UPC: 054007-34385	Reflective Lettering System Kit 1" x 3" lettering kit.		

3M™ FIBER OPTIC SPLICE CLOSURE 2177 SERIES

Fiber Optic Splice Closure 2177/2177-R

PRODUCT NUMBER: 2177 PKG (LBS.): 1 EACH (9.00) MIN. ORDER: 1 EACH UPC: 054007-63137 PRODUCT NUMBER: 2177-R PKG (LBS.): 1 EACH (9.00) MIN. ORDER: 1 EACH UPC: 051138-57595

This closure consists of a double shell designed to protect an organizer when the closure is filled with reenterable compound. Cable entry ports can be field trimmed for butt or inline splicing. A sealed inner protective shield provides added moisture protection and protects fiber from direct contact with encapsulant.

SPECIFICATIONS

FIBER OPTIC SPLICE CLOSURE 2177				
Applications	Recommended for buried splicing only			
Capacity	Maximum closure capacity			
	48 mechanical splices, 64 fusion splices, 10.1 to 25.3 mm (0.4 to 1.0") diameter cables			
Additional Materials Required	Universal Organizer Bracket 2196 Splice trays 4442 reenterable encapsulant, 2-3000 gram cans Shield connectors Ground braid or strap	Scotch" Sealing Tape 2900R, 37.9 mm (1 1/2") LR tape Sheath scuff 4430 spacer web, 76.1 mm (3") wide (for reentry only)		

Universal Organizer Bracket2196

PKG (LBS.): 1 EACH (1.80) MIN. ORDER: 1 EACH UPC: 054007-63992



The 2196 universal organizer bracket accommodates up to three 3M Optical Fiber Splice Organizer Trays 2524 or 2524-FT or other compatible trays to be used in the 2177 fiber optic closure.

Used to terminate and hold the fiber optic cable sheaths while bonding and grounding the metallic member. Up to three cables and their grounds may be isolated and externally connected in applications where separation of grounds is required without closure reentry. Tube splitters are included for splitting fibers out of buffer tubes to multiple trays.

FEATURES BENEFITS

UNIVERSAL ORGANIZER BRACKET 2196				
Universal	Accomodates different trays			
Ground isolation	Isolates up to three cable grounds			
Tube splitters	Facilitates splitting fibers out of buffer tubes to trays			
Dual-lock pads	Up to three trays			
Capacity	Three 2524 or 2524-FT trays or other trays compatible with 3M closures			
Additional materials required	Shield bond connectors, 50.77mm (2") wide rubber tape, 9.0 mm (3/4") wide vinyl tape			

Fiber Optic Splice Sleeve 2170

PKG (LBS.): 50 EACH (0.10) MIN. ORDER: 50 EACH UPC: 054007-17676

Transparent plastic tube and stainless steel rod designed to prevent stress and protect fusion fiber optic splices in field and factory operations. Sleeves are made of ethylene vinyl acetate (EVA) with heat-activated memory which causes them to shrink under heat. Sleeves shrink tightly to exclude air and hold the rod firmly, preventing abrasion of delicate glass fibers.



3M™ Fiber Optic Dome Splice Closure FD Series



3M Dome Splice Closure FD protects fiber optic splices from the elements while providing fast and easy no-cost reentry. These closures can be installed in above-ground pedestals, hand-holes, and mounted on poles and strands. The closure utilizes proven sealing technology and over 30 years of experience with copper protection.

Fiber splices are enclosed in a polypropylene dome that is clamped together with a stainless steel latch and sealed with an O-ring. Pre-stretched tubing is slipped over the base of the closure and onto a gel sealing collar. Pulling the plastic rip cord shrinks the tubing to an air and water tight seal around the collar. No special tools, power supply or torches are required for assembly. To reenter, simply pull the latch.

Available in two sizes, the closure accommodates various cable constructions and splice capacities. Each tray holds two splice inserts. Four types of inserts are available to hold 3M™ Fibrlok™ Splices or multi-fiber splices, fusion or mass fusion splices.

For quick installation and field-proven performance specify 3M fiber protection products.

FEATURES

BENEFITS

3M™ FIBER OPTIC DOME SPLICE CLOSURE FD SERIES				
Proven 3M sealing technology	Helps reduce maintenance costs			
Easy installation required "reentry"	No special tools, torch or power supply			
Ready access	No-cost reentry to splices; craft friendly			
Flexible fiber management	Accommodates a variety of cable sizes			
Flexible splice capability 4 - 432 fibers in ribbon splices	1 - 96 fibers in discrete splices			
Minimal training	Can help provide cost savings			
Gel end seal technology multiple cable configurations	No compounds to mix; air tight seal over			
100 lb. strain relief with shield bond connector assembly	Long product life; craft friendly — no exposed metal			
Rugged and versatile design installed in a variety of environments	One system fits all; can help reduce inventory costs			

SPECIFICATIONS

ТҮРЕ	FD06	FD08
Dome size cm (in.)	57.15 x 14.2 x 9.4 (22.5 x 5.6 x 3.7)	59.7 x 17.8 x 13.71 (23.5 x 7.0 x 5.4)
Number of trays	2	4
Number of cables	6	6
Splicing capacity		
3M™ Fibrlok™ Universal Splice	24	48
Fibrlok™ Multi-Fiber Splice	16 (192 fibers)	32 (384 fibers)
Fusion	48*	96*
Mass fusion	20 (240 fibers)	36 (432 fibers)
Express capacity		
Single tube discrete cm (in.)	228.6 (90) length 192 fibers stored in trays	228.6 (90) length 192 fibers stored in trays
Buffer tube cm (in.)	228.6 (90) length 120 fibers maximum (4 buffer tubes or 120 fibers stored in trays)	228.6 (90) length 216 fibers maximum (8 buffer tubes and 120 fibers stored in trays)
Ribbon cm (in.)	172.7 (68) length 288 fibers maximum (24 ribbons stored in trays)	172.7 (68) length 288 fibers maximum (24 ribbons stored in trays)
Cable capacity		
Main port (2) mm (in.)	8.9 - 21.1 (0.35-0.83)	12.5 - 33.0 (0.49-1.30)
Drop port (4) mm (in.)	8.9 - 17.5 (0.35-0.69)	8.9 - 20.1 (0.35-0.79)
*Double stacked fusion sleeves		



PRODUCT REFERRAL GENERATOR

Pedestal Cabinets pg. 120 3M™ Fibrlok™ II Optical Splicing. . . pg. 218

3M™ FIBER OPTIC DOME SPLICE CLOSURE FD SERIES

FOLLOW 5	EASY STEPS FOR ORD	ERING			
1					
For complete installation choos					
PRODUCT NUMBER	DESCRIPTION	PKG. (LBS.)	MIN. ORDER	UPC 051138-	
FD06	FD Closure Kit Contains transition tray and one splice tray; capacity for one more splice tray.	1 kit (7.30)	1 each	36404	
FD08	FD Closure Kit				
	Contains transition tray and one splice tray; capacity for three more splice trays.	1 kit (8.95)	1 each	36405	
FD06-D	FD Closure Kit with Discrete Splices				
	Contains transition tray, one splice tray, two 3M™ Shield Bond Connectors 4460-D/F0, two 3M™ Splice Inserts 2521-F for fusion splices, and two 3M™ Splice Inserts 2521-FL for 3M™ Fibrlok™ splices.	1 kit (8.00)	1 each	36645	
FD08-D	FD Closure Kit with Discrete Splices				
	Contains transition tray, one splice tray, two 4460-D/F0 shield bond connectors, two 2521-F splice inserts for fusion splices, and two 2521-FL splice inserts for Fibrlok splices.	1 kit (9.50)	1 each	36646	
Choose one package for each s	splice tray:				
PRODUCT NUMBER	DESCRIPTION	PKG. (LBS.)	MIN. ORDER	UPC 051138-	
2521-FL	3M™ Fibrlok™ Splice Insert, 2-Pack				
	Holds six single mechanical splices in each insert.	12 pkgs. (0.40)	12 pkgs.	36413	
2521-MF	Fibrlok Multi-Fiber Splice Insert				
	Holds four multi-fiber splices in each insert.	12 pkgs. (0.50)	12 pkgs.	36411	
2521-F	Fusion Splice Insert, 2-Pack				
	Holds twelve discrete fusion splices in each insert.	12 pkgs. (0.55)	12 pkgs.	36412	
2521-RF	Ribbon Fusion Splice Insert				
	Holds five ribbon fusion splices in each insert.	12 pkgs. (1.00)	12 pkgs.	36415	

3M™ FIBER OPTIC DOME SPLICE CLOSURE FD SERIES

PRODUCT NUMBER	DESCRIPTION	PKG. (LBS.)	MIN. ORDER	UPC 051138-	
4460-D/F0	3M™ Scotchlok™ Shield Bond Connector Assembly	1			
	Provides grounding and central strength member clamp.	100 each (7.95)	100 each	92757*	
FD110	FD Ground Kit for Fiber Optic Cable				
	Includes two 4460-D/FO shield bond connector assemblies and two ground straps.	12 kits (6.46)	12 kits	36416	
2172	Strength Member Clamp for Fiber Cable				
	Clamps strength member to cable sheath.	100 each	100 each	36612	
For complete installation	on choose one of these:				
PRODUCT NUMBER	DESCRIPTION	PKG. (LBS.)	MIN. ORDER	UPC 051138-	
PRODUCT NUMBER FD100	FD Splice Tray Kit				
FD100		9 PKG. (LBS.) 3 kits (2.25)	3 each	UPC 051138- 36408	
FD100	FD Splice Tray Kit Contains splice tray, cover, cable ties and fiber tube transition tubing.	3 kits			
FD100	FD Splice Tray Kit Contains splice tray, cover, cable ties and fiber tube transition tubing.	3 kits			
FD100 5 Choose additional acce	FD Splice Tray Kit Contains splice tray, cover, cable ties and fiber tube transition tubing.	3 kits (2.25)	3 each	36408	
FD100 5 Choose additional acce	FD Splice Tray Kit Contains splice tray, cover, cable ties and fiber tube transition tubing. ssories as necessary: DESCRIPTION	3 kits (2.25)	3 each	36408	
FD100 5 Choose additional acce	FD Splice Tray Kit Contains splice tray, cover, cable ties and fiber tube transition tubing. ssories as necessary: DESCRIPTION FD Cable Addition Kit Contains pull and shrink tubing, gel strip, cable ties, sheath scuff, fiber tube transition	3 kits (2.25) PKG. (LBS.)	3 each	36408 UPC 051138-	
FD100 Choose additional acce PRODUCT NUMBER FD106	Contains splice tray, cover, cable ties and fiber tube transition tubing. ssories as necessary: DESCRIPTION FD Cable Addition Kit Contains pull and shrink tubing, gel strip, cable ties, sheath scuff, fiber tube transition tubing; for reentry into FD06 closure.	3 kits (2.25) PKG. (LBS.)	3 each	36408 UPC 051138-	
FD100 Choose additional acce PRODUCT NUMBER FD106	FD Splice Tray Kit Contains splice tray, cover, cable ties and fiber tube transition tubing. ssories as necessary: DESCRIPTION FD Cable Addition Kit Contains pull and shrink tubing, gel strip, cable ties, sheath scuff, fiber tube transition tubing; for reentry into FD06 closure. FD Cable Addition Kit Contains pull and shrink tubing, gel strips, cable ties, sheath scuff, fiber tube transition	3 kits (2.25) PKG. (LBS.) 1 kit (4.00)	3 each MIN. ORDER 1 kit	36408 UPC 051138- 36409	

3M™ FIBER OPTIC DOME SPLICE CLOSURE FD SERIES

PRODUCT NUMBER	DESCRIPTION	PKG. (LBS.)	MIN. ORDER	UPC 051138-	
2520-3FT	Fiber Tube Transition Tubing				
	Protects fibers outside trays; accommodates ribbon fibers; cut in three-foot lengths.	24 each	24 each	36647	
4600-GSS	Gel Sealant Strip				
	Gel strip seals cables and gel core in 3M Fiber Dome Closures FD06 or FD08.	50 each	50 each	92221*	
FD120	FD Mounting Bracket				
	Mounting bracket for FD06/FD08 closures.	1 kit (1.60)	1 kit	36454	
FD130	FD Strand Mount Bracket Kit				
	Strand mounting bracket for FD06/FD08 closures with three clamps.	1 kit (1.80)	1 kit	36455	
FD130-S	FD Strand Mount Bracket, Single Clamp				
	Strand mounting bracket for FD06/FD08 closures with one clamp around closure base.	1 kit	1 each	36677	
FD06-PST	FD Pull and Shrink Tubing				
	Pull and shrink tubing for FD06.	5 each (13.85)	5 each	36402	
FD08-PST	FD Pull and Shrink Tubing				
	Pull and shrink tubing for FD08.	5 each (18.35)	5 each	36403	
*UPC prefix 054007-					

3M™ SLiC™ Fiber Aerial Closures and Terminals



New SLiC fiber closures and terminals are designed for strand-mount FTTH in-line, butt or taut sheath applications. This weather-tight product is a single piece construction that can be installed very easily. The single piece construction permits complete splice access after placement without removal of the closure or terminal from the cable.

The double-walled, blow-molded body protects fiber splices and resists cracking or breaking even in harsh environments. Almost all parts are attached to the closure/terminal. Because of the interlocking ends, the closures or terminals can be extended to protect damaged cable sheaths.

The new SLiC fiber terminal features a two-closure-in-one housing design which separates the drop chamber from splice chamber. This allows the terminal to be accessed for fiber drop terminations without opening the splice chamber. SLiC fiber closures and terminals are tested to Bellcore GR-771-CORE mechanical and environmental requirements for free-breathing closures as well as drop pullout requirements from Bellcore TR-TSY-000949.

3M™ SLIC™ FIBER AERIAL CLOSURES AND TERMINALS

SLiC Fiber Aerial Closure 533 and 733

3M's SLiC fiber aerial closures are designed to enable service providers to cost-effectively deploy aerial fiber networks in the access network (FTTN, HFC, and FTTP). The SLiC fiber aerial closure is a weather-tight, single-piece aerial closure that can be installed very easily for new construction or maintenance situations. The single-piece construction permits complete splice access after placement without the removal of the closure from the cable. These free-breathing closures (FBCs) are designed for strand-mount in-line, butt or taut sheath single or ribbon fiber applications.

The durable double-walled, blow-molded body resists cracking or breaking even in the harshest environments, providing the ultimate protection for the fibers and splices.

The SLiC fiber closure portfolio consists of the 533 and the 733 units. The maximum splice capacity of the SLiC 533 closure is 144 and 432 for single and mass fusion. The SLiC 733 closure can accommodate up to 288 single and 864 mass fusion splices.

FEATURES BENEFITS

One-piece construction	Easy installation and permits access to the cable splice without removing the closure or the terminal
Double-walled molded construction	Durable protection from bending and cracking in the most extreme environments
Spacious fiber management area	Slack storage basket provides separate area for routing, protecting, and "expressing" buffer tubes and ribbon fibers
Multiple splicing applications	Accommodates in-line and butt end span and midspan as well taut sheath applications
Quick-release clamps	Easy installation and reentry without the need for special tools
Interlocking ends	Permits the closure chamber to be extended to protect damaged sheath

SPECIFICATIONS

	SLIC 533 FIBER AERIAL CLOSURE TAUT SHEATH	SLIC 533 Fiber Aerial Closure	SLIC 733 Fiber Aerial Closure
Product Number	SLFC-533-TS	SLFC-533-SP	SLFC-733-SP
Dimensions (LxHxW) inches	33.0" x 5.0"	33.0" x 5.0"	33.0" x 7.0"
Cable entry ports and size (inches)	3 ports per end Port 1: 0.6 - 2.2" Port 2 and 3: 0.2 -1.4"	3 ports per end Port 1: 0.6 - 2.2" Port 2 and 3: 0.2 -1.4"	3 ports per end Port 1: 0.6 - 2.2" Port 2 and 3: 0.2 -1.4"
Configuration	Inline (taut sheath)	Inline and butt (express)	Inline and butt (express)
Taut-sheath application	Yes; 26" sheath opening	No	No
NOTE: The SLiC fiber aerial closures are tested to Be	Ilcore GR-771-CORE mechanical and envir	onmental requirements for free-breathi	ng closures.

SPECIFICATIONS

SPLICE TRAY CAPACITY					533	SLIC	SLIC 733	
PRODUCT Number	DESCRIPTION SPLICES ACCOMMODATED		SPLICE CAPACITY PER TRAY	MAXIMUM # OF TRAYS PER CLOSURE	MAXIMUM Closure Splice Capacity	MAXIMUM # OF TRAYS PER CLOSURE	MAXIMUM CLOSURE SPLICE CAPACITY	
2522	Stackable hinged tray, fiber entry/exit at any corner of the tray	Single fusion (45 or 60mm) Single mechanical (3M™ Fibrlok splice) Mass fusion Mass mechanical (Fibrlok splice)	24 12 144 96	3	72 36 432 288	6	144 72 864 576	
2523	Stackable hinged tray, fiber entry/exit at any corner of the tray	Single fusion (45 or 60mm) Single mechanical (Fibrlok splice) Mass fusion Mass mechanical (Fibrlok splice)	48 24 144 144	3	144 72 432 432	6	288 144 864 864	
2527	Stackable hinged tray, fiber entry/exit at any corner of the tray	Single fusion (45 or 60mm) Single mechanical (Fibrlok splice) Mass fusion Mass mechanical (Fibrlok splice)	24 12 144 72	3	72 36 432 216	6	144 72 864 432	

3M™ SLIC™ FIBER AERIAL CLOSURES AND TERMINALS

CONFIGURATION GUIDE

	SLFC	_	ххх	_	хх	_	хх
Size							
5" x 33" 7" x 33"			533 733				
Splicing Application							
Taut sheath Midspan or endspan					TS SP		
Trays							
Number of trays							06
Tray Type							
None 2527							X A

Closures

PRODUCT NUMBER: SLFC-533-TS-1A DESCRIPTION: FIBER AERIAL CLOSURE, TAUT SHEATH, ONE 2527 TRAY
PKG: 1 EACH MIN. ORDER: 1 EACH UPC: 051115-19040

PRODUCT NUMBER: SLFC-533-TS-0X DESCRIPTION: FIBER AERIAL CLOSURE, TAUT SHEATH, NO TRAY PKG: 1 EACH MIN. ORDER: 1 EACH UPC: 051115-19041



PRODUCT NUMBER: SLFC-533-SP-1A DESCRIPTION: FIBER AERIAL CLOSURE, ONE 2527 TRAY
PKG: 1 EACH MIN. ORDER: 1 EACH UPC: 051115-19038



PRODUCT NUMBER: SLFC-733-SP-1A DESCRIPTION: FIBER AERIAL CLOSURE, ONE 2527 TRAY PKG: 1 EACH MIN. ORDER: 1 EACH UPC: 051115-19042



PRODUCT NUMBER: SLFC-533-SP-0X DESCRIPTION: FIBER AERIAL CLOSURE, NO TRAY
PKG: 1 EACH MIN. ORDER: 1 EACH UPC: 051115-19039



PRODUCT NUMBER: SLFC-733-SP-0X DESCRIPTION: FIBER AERIAL CLOSURE, NO TRAY
PKG: 1 EACH MIN. ORDER: 1 EACH UPC: 051115-19043







SLIC FIBER AERIAL TERMINAL CLOSURE 530

The SLiC fiber aerial terminal closure is an aerial, strand mount, free breathing (breathable) fiber terminal for FTTP (fiber to the premises) applications. It can be used for inline, taut sheath, and butt splicing configurations.

The SLiC 530 terminal closure is comprised of two separate chambers: a distribution cable splice chamber and a drop termination chamber. The distribution cable splice chamber houses the fiber splices and stores buffer tube or ribbon fiber slack while the drop termination chamber is used to house all drop terminations.

This craft separation feature allows the installer (landR craftsperson) to terminate and maintain the drop without entering the splice chamber. The 530 terminal closure has the capability of handling up to 12 external* or internal (non-hardened preterminated, direct spliced, and spliced pigtailed) drop cable terminations.

FEATURES

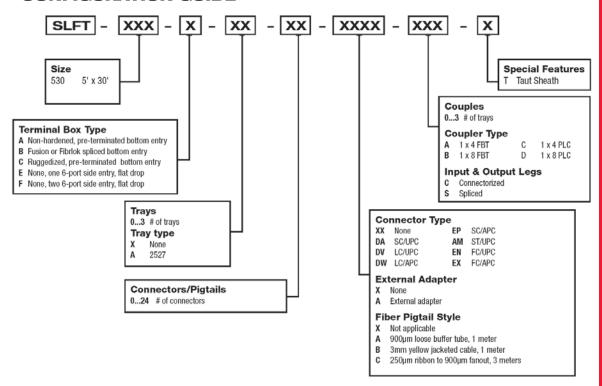
BENEFITS

One-piece construction	Easy installation and permits access to the cable splice without removing the closure or the terminal
Separate splice and drop termination chambers	Allows easy and secure access for service connections and drop maintenance (cleaning and testing) without having to enter the closure splice chamber
Double-walled construction	Durable protection from bending and cracking in the most extreme environments
Drop termination chamber accommodates external and internal drop interfaces	Flexible nature of the terminal box permits the usage of external or internal, hardened or non-hardened, pre-terminated or field terminated, pigtail spliced or direct spliced drop cable terminations
Spacious fiber management area	Slack storage basket provides separate area for routing, protecting, and "expressing" buffer tubes and ribbon fibers
Multiple splicing applications	Accommodates inline and butt end span and midspan as well as taut sheath applications
Quick-release latches	Easy installation and reentry without the need for special tools
Interlocking ends	Permits the closure chamber to be extended to protect damaged sheath
Adaptable to both centralized and distributed splitting networks	Splitters/couplers for distributed splitting applications can be easily added

^{*}FONS $RC^{\!\scriptscriptstyle \mathsf{TM}},$ Corning OptiTap $^{\!\scriptscriptstyle \mathsf{TM}}$ and AFOP SCOUT for SC only.

3M™ SLIC™ FIBER AERIAL CLOSURES AND TERMINALS

CONFIGURATION GUIDE



SLIC FIBER AERIAL TERMINAL CLOSURE 530								
PRODUCT NUMBER	DESCRIPTION	PKG.	MIN. ORDER	UPC 051115-				
SLFT-530-D-1A-04-EPAA	Fiber optic terminal 4 SCAPC external	1 each	1 each	19052				
SLFT-530-D-1A-06-EPAA	Fiber optic terminal 6 SCAPC external	1 each	1 each	19053				
SLFT-530-D-1A-08-EPAA	Fiber optic terminal 8 SCAPC external	1 each	1 each	19054				
SLFT-530-D-1A-12-EPAA	Fiber optic terminal 12 SCAPC external	1 each	1 each	19055				
SLFT-530-A-1A-06-DAXA	Fiber optic terminal 6 SCUPC internal	1 each	1 each	19075				
SLFT-530-A-1A-08-DAXA	Fiber optic terminal 8 SCUPC internal	1 each	1 each	19076				
SLFT-530-A-1A-12-DAXA	Fiber optic terminal 12 SCUPC internal	1 each	1 each	19077				
SLFT-530-D-1A-04-EPAC	Fiber optic terminal 4 SCAPC ribbon external	1 each	1 each	19117				
SLFT-530-D-1A-06-EPAC	Fiber optic terminal 6 SCAPC ribbon external	1 each	1 each	19118				
SLFT-530-D-1A-08-EPAC	Fiber optic terminal 8 SCAPC ribbon external	1 each	1 each	19119				
SLFT-530-D-1A-12-EPAC	Fiber optic terminal 12 SCAPC ribbon external	1 each	1 each	19120				
SLFT-530-A-1A-24-DAXA	Fiber optic terminal 24 SCUPC internal	1 each	1 each	19164				
SLFT-530-A-1A-06-EPXA	Fiber optic terminal 6 SCAPC internal	1 each	1 each	19165				
SLFT-530-A-1A-08-EPXA	Fiber optic terminal 8 SCAPC internal	1 each	1 each	19166				
SLFT-530-A-1A-12-EPXA	Fiber optic terminal 12 SCAPC internal	1 each	1 each	19167				
SLFT-530-A-1A-24-EPXA	Fiber optic terminal 24 SCAPC internal	1 each	1 each	19168				