

Communication Markets Division

# 3M™ SLiC™ Fiber Aerial Terminal Closure 530 Internal Drop Terminations for Direct Spliced Drops

The 3M™ SLiC™ Fiber Aerial Terminal Closure 530 with Internal Drop Termination 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 (I&R craftsman) to terminate and maintain the drop without entering the splice chamber. Also, the terminal box is equipped with tabs which allow the terminal box to be locked to provide greater network security.

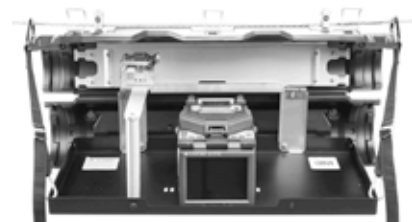
The SLiC 530 accommodates 4, 6, 8 or 12 direct fusion or mechanical spliced drop terminations. A direct spliced drop termination requires that the distribution fiber be spliced to the drop fiber. For mechanical spliced drop terminations, the 3M™ Fibrlok™ Fiber Splice 2529 and 2540G may be used.



3M™ SLiC™ Fiber Aerial Terminal Closure 530 Internal for Direct Spliced Drop Terminations

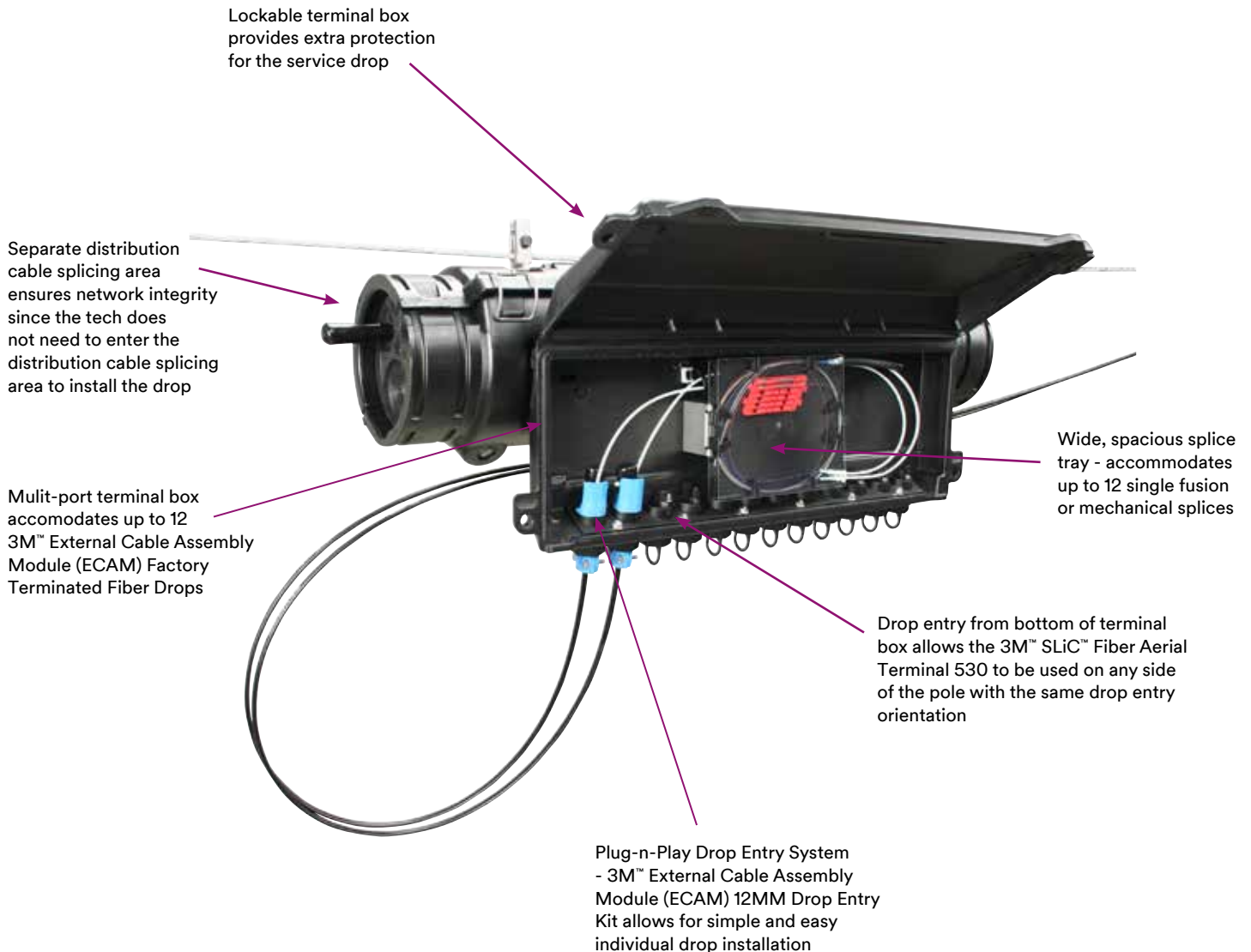


3M™ External Cable Assembly Module (ECAM) 12mm Drop Entry Kit



3M™ SLiC™ Fiber Splicing Workstation for Aerial Strand Mount Applications

Feature	Benefit
One-piece construction	Easy installation and permits access to the cable splice without removing the terminal closure body
Separate splice and drop termination chambers	Enables easy and secure access for service connections and drop maintenance without having to enter the splice chamber
Craft-friendly drop entry system	Permits quick and easy plug and play drop installation with minimal training
Optional lightweight, easy to install splicing workstation	Provides a stable work surface that secures the fusion splicer and cleaver. This helps to simplify the installation and splicing process when splicing on the strand or lift truck.
Double-walled molded construction	Durable protection from bending and cracking in the most extreme environments
Few loose parts	Limited number of components needed to install the terminal closure, thus decreasing the installation time
Multiple splicing applications	Accommodates in-line, butt, and taut-sheath applications. Allows for up to 96 single fusion or 288 mass fusion branch splicing.
Spacious fiber management area	Slack storage basket provides separate area for routing, protecting, and "expressing" buffer tubes and ribbon fibers
No special tools required	Easy installation and re-entry
Interlocking ends	Permits the closure chamber to be extended to protect damaged sheath or accommodate larger openings for taut sheath applications



## Specifications

Feature	3M™ SLiC™ Fiber Aerial Terminal Closure 530 Internal with Direct Spliced Drops
Dimensions (L x H x W) mm (in.)	762 × 264 × 218 (30 × 10.4 × 8.6)
Cable entry ports and size	4 ports—2 ports per end: 5 - 36 mm (0.2–1.4")
Taut-sheath application	Yes; 20" sheath opening
Splice tray included for drop terminations	1—3M™ Fiber Optic Splice Tray 2527
Branch splice capacity	2 trays with 96 single fusion/288 mass fusion splices
Cables accommodated	LBT single fiber Central tube single and ribbon fiber Armored & dielectric
Number of drop terminations and connector/splice type	Single fusion spliced drops 3.0mm x 60mm—12 Single mechanical spliced drops 3M™ Fibrlok™ II Universal Optical Fiber Splice 2529 3M™ Fibrlok™ 250µm Fiber Splice 2540G
Type of drop	Round drop: 4–12 mm (0.15–0.47") Flat drop: (0.32" x 0.18") Armored & dielectric
Drop installation kit	3M™ External Cable Assembly Module (ECAM)—12mm-Flat 3M™ External Cable Assembly Module—12 mm-Round-5/8mm
Drop entry	Bottom of the terminal box
Splitters	Factory-installed 1×4 or 1×8 3M™ Planar Light Circuit (PLC) Splitters
Extendible for taut-sheath and repair splices	Yes
Craft separation	Separate enclosure for splicing and separate enclosure for terminations
Extendable/offset hanging brackets	Supplied as an accessory and/or equipped with the terminal

## 3M™ SLiC™ Fiber Aerial Terminal Closure 530 Internal for Direct Splice Drops Product Information

Product Number	Product Description	3M ID	Bill Unit	MOQ
SLFT-530-C-1A-DS	SLiC 530 Aerial Terminal Closure 12 ECAM ports, 1 2527 tray, direct splice drop	80-6113-2734-9	each	1
SLFT-530-C-1B-DS	SLiC 530 Aerial Terminal Closure 12 ECAM ports, 2527-48-DF Tray, direct splice drop	80-6113-3376-8	each	1
ECAM-12MM-FLAT-US	12mm ECAM Cable entry for 1 or 2 flat cables	80-6113-2649-9	each	8
ECAM-12MM-RND-5/8MM	12mm ECAM Cable entry for 5 - 8mm round drop	80-6113-2990-7	each	8
2170	Fiber optic heat shrink splice sleeve 3.0 × 60.0mm	80-6102-8138-0	each	50
AC-HB4	Aerial offset hanger bracket 4.0", set	80-6113-1470-1	sets	10
SLFC-T-ADSS-MH	Aerial Hanger Bracket for ADSS Cable	80-6113-3725-6	each	10
2527	Fiber splice organizer tray	80-6111-7558-1	each	2
2521-F-A	3mm single fusion splice insert with adhesive back	80-6113-2632-5	each	24

## 3M™ SLiC™ Fiber Aerial Terminal Closure 530 Internal for Direct Splice Drops Product Information (cont.)

Product Number	Product Description	3M ID	Bill Unit	MOQ
2521-FL-A	Ribbon/Fibrlok splice insert with adhesive back	80-6113-2604-4	each	24
SLFC/T-2-PORT-MSM	SLiC 530/533/733 2-port 0.61" cable entry kit	80-6113-8403-5	each	2
SLFC/T-6-PORT-FLAT	SLiC fiber 6-port flat drop/cable entry kit	80-6113-1722-5	each	5
SLIC-ES/5TC/E	SLiC closure 5" rubber end seal 3-port, without ears	80-6113-1654-0	each	5
SLFC/SLFT-SPLICING-WS	SLiC fiber splicing workstation kit	80-6113-2139-1	kit	1
SCAPC-900-COL1-4	SC/APC 900um pigtail kit, colors 1-4	80-6113-2056-7	kit	1
SCAPC-900-COL5-8	SC/APC 900um pigtail kit, colors 5-8	80-6113-2057-5	kit	1
SCAPC-900-COL9-12	SC/APC 900um pigtail kit, colors 9-12	80-6113-2058-3	kit	1

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### Communication Markets Division

6801 River Place Blvd.  
Austin, TX 78726-9000 USA

Phone 1-800-426-8688  
Fax 1-800-626-0329  
Web 3M.com/Telecom

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