

3M™ SLiC™ Fiber Aerial Terminal Closure 530

With Internal Drop Termination for Factory-Terminated External Cable Assembly Module (ECAM) FD Drop

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 3M™ External Cable Assembly Module (ECAM) FD Factory-Terminated SC/APC or SC/UPC Fiber Drops. In the SLiC 530, the drop cable is terminated inside the terminal. This helps to reduce the potential for connector contamination and provides better drop security than externally terminated drop cables.

The SLiC 530 is designed to Telcordia's GR-771-CORE Issue 1, July 1994, Generic Requirements for Fiber Optic Splice Closures—Free-breathing closures.

The SLiC 530 is Rural Utilities Services (RUS) Listed.

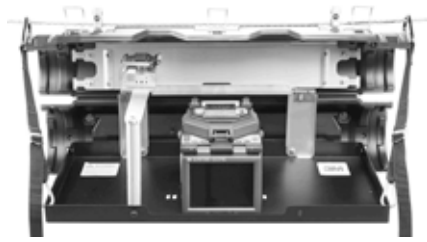


3M™ SLiC™ Fiber Aerial Terminal Closure 530 with Internal Drop Termination for Factory-Terminated ECAM FD Drop Cable



3M™ External Cable Assembly Module (ECAM) FD Factory-Terminated Fiber Drop

3M™ SLiC™ Fiber Aerial Terminal Closure 530 with External Cable Assembly Module (ECAM) FD



Easy to install and use 3M™ SLiC™ Fiber Splicing Workstation allows the terminal closure to be spliced on the strand.

| Features | Benefits |
|--|---|
| One-piece construction | Easy installation and permits access to the cable splice without removing the terminal closure body |
| 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 splice chamber |
| 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. |
| Factory installed pigtails and ribbon fanouts | Allows for fast and easy installation of the terminal closure while reducing the potential for damage to the fibers and connectors during installation |
| Double-walled molded construction | Durable protection from bending & 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 |
| Adaptable to both centralized and distributed splitting networks | Factory installed splitters for 1 x 4 and 1 x 8 distributed splitting applications are available |

Specifications

| Feature | 3M™ SLiC™ Fiber Aerial Terminal Closure 530 Internal ECAM FD |
|---|---|
| Dimensions (L x H x W) mm (in.) | 762 x 264 x 218 (30 x 10.4 x 8.6) |
| Cable entry ports & size | 4 ports 2 ports per end 5-36 mm (0.2-1.4") |
| Taut sheath Application | Yes; 20" sheath opening |
| Extendible for taut sheath and repair splices | Yes |
| Splice tray included for drop terminations | 3M™ Fiber Optic Splice Tray 2527 |
| Branch splice capacity | 2 Trays 96 single fusion splices 288 mass fusion splices |
| Number of drop ports | 4, 6, 8 or 12 |
| Drop cable entry | Bottom of the terminal box |
| Craft separation | Separate enclosure for splicing and separate enclosure for terminations |

Ordering Information

3M™ SLiC™ Fiber Aerial Terminal Closure 530 Configuration Guide

| SLFT | XXX | X | XX | XX | XXXX | XXX | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-------------------|---------|--------------------------------------|--|---------------------------------------|-----------------------------|---|----------------------|--|-----------------|---|-------------|---|---|--|----------------|------|------|--|--------|--|--------|--|--------|--|--------|--|--|---|------------------|---|------|---|------------------|---|----------------------------|--|---------------------|---|----------------|---|-----------------------------------|---|---|
| <table><tr><th>Size</th></tr><tr><td>530</td><td>5" x 30"</td></tr></table> | | Size | 530 | 5" x 30" | | | | | | <table><tr><th>Special Feature</th></tr><tr><td>T</td><td>Taut Sheath</td></tr><tr><td>R</td><td>RUS</td></tr><tr><td>P</td><td>Pigtail Splice</td></tr></table> | Special Feature | T | Taut Sheath | R | RUS | P | Pigtail Splice | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Size | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 530 | 5" x 30" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Special Feature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T | Taut Sheath | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R | RUS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | Pigtail Splice | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th>Terminal Box Type</th></tr><tr><td>B</td><td>ECAM Drop Port Entry, Bottom; 8-port</td></tr><tr><td>C</td><td>ECAM Drop Port Entry, Bottom; 12-port</td></tr><tr><td>D</td><td>HFOC (Hardened Fiber Optic Connector), Bottom Entry</td></tr><tr><td></td><td></td></tr></table> | | Terminal Box Type | B | ECAM Drop Port Entry, Bottom; 8-port | C | ECAM Drop Port Entry, Bottom; 12-port | D | HFOC (Hardened Fiber Optic Connector), Bottom Entry | | | | | | | <table><tr><th>Splitters (Qty, Type, Input/Output Fibers)</th></tr><tr><td>N</td><td>None</td></tr><tr><td>A</td><td>1, 1 x 4 PLC, Input Spliced/Output Connectorized</td></tr><tr><td>B</td><td>1, 1 x 8 PLC, Input Spliced/Output Connectorized</td></tr><tr><td>C</td><td>1, 1 x 4 PLC, Input/Output Spliced (DS only)</td></tr><tr><td>D</td><td>1, 1 x 8 PLC, Input/Output Spliced (DS only)</td></tr></table> | Splitters (Qty, Type, Input/Output Fibers) | N | None | A | 1, 1 x 4 PLC, Input Spliced/Output Connectorized | B | 1, 1 x 8 PLC, Input Spliced/Output Connectorized | C | 1, 1 x 4 PLC, Input/Output Spliced (DS only) | D | 1, 1 x 8 PLC, Input/Output Spliced (DS only) | | | | | | | | | | | | | | | | | | | |
| Terminal Box Type | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | ECAM Drop Port Entry, Bottom; 8-port | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | ECAM Drop Port Entry, Bottom; 12-port | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | HFOC (Hardened Fiber Optic Connector), Bottom Entry | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| N | None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | 1, 1 x 4 PLC, Input Spliced/Output Connectorized | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <table><tr><th>Trays</th></tr><tr><td>0 ...3</td><td># of trays</td></tr><tr><th>Tray Type</th></tr><tr><td>X</td><td>None</td></tr><tr><td>A</td><td>2527</td></tr><tr><td>B</td><td>2527-48-DF</td></tr></table> | | Trays | 0 ...3 | # of trays | Tray Type | X | None | A | 2527 | B | 2527-48-DF | | | | | <table><tr><th>Connector Type</th></tr><tr><td>XX</td><td>None</td><td>EP</td><td>SC/APC</td></tr><tr><td>DA</td><td>SC/UPC</td><td>DW</td><td>LC/APC</td></tr><tr><td>DV</td><td>LC/UPC</td><td></td><td></td></tr></table> | Connector Type | XX | None | EP | SC/APC | DA | SC/UPC | DW | LC/APC | DV | LC/UPC | | | <table><tr><th>External Adapter</th></tr><tr><td>X</td><td>None</td></tr><tr><td>A</td><td>External Adapter</td></tr><tr><td>B</td><td>External Adapter (RUS/OUS)</td></tr></table> | External Adapter | X | None | A | External Adapter | B | External Adapter (RUS/OUS) | <table><tr><th>Fiber Pigtail Style</th></tr><tr><td>X</td><td>Not applicable</td></tr><tr><td>A</td><td>900 μm loose buffer tube, 1 meter</td></tr><tr><td>C</td><td>250 μm ribbon to 900um fanout, 3 meters</td></tr></table> | Fiber Pigtail Style | X | Not applicable | A | 900 μm loose buffer tube, 1 meter | C | 250 μm ribbon to 900um fanout, 3 meters |
| Trays | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Tray Type | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | 2527 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | 2527-48-DF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XX | None | EP | SC/APC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DA | SC/UPC | DW | LC/APC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DV | LC/UPC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| External Adapter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | External Adapter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | External Adapter (RUS/OUS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fiber Pigtail Style | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | Not applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | 900 μm loose buffer tube, 1 meter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | 250 μm ribbon to 900um fanout, 3 meters | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tr><th>Connectors</th></tr><tr><td>0 ...12</td><td># of connectors</td></tr><tr><td colspan="2">for HFOC, ECAM FD, Field Terminated, & Pigtail Spliced Drops</td></tr><tr><th>Direct Spliced Applications</th></tr><tr><td>DS</td><td>Direct Spliced Drops</td></tr></table> | | Connectors | 0 ...12 | # of connectors | for HFOC, ECAM FD, Field Terminated, & Pigtail Spliced Drops | | Direct Spliced Applications | DS | Direct Spliced Drops | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| for HFOC, ECAM FD, Field Terminated, & Pigtail Spliced Drops | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Direct Spliced Applications | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DS | Direct Spliced Drops | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

3M™ SLiC™ Fiber Aerial Terminal Closure 530 with External Cable Assembly Module (ECAM) FD Ordering Information

| Product No. | Product Description | Stock No. | Trays | | Fiber Type | Connector | |
|-----------------------|-------------------------------------|-------------|-------|-----|---------------|-----------|-----|
| | | | Type | Qty | | Type | Qty |
| SLFT-530-B-1A-04-EPXA | SLiC530 Tray 4 SC/APC Pigtails | 80611327224 | 2527 | 1 | Pigtail | SC/APC | 4 |
| SLFT-530-B-1A-06-EPXA | SLiC530 Tray 6 SC/APC Pigtails | 80611327232 | 2527 | 1 | | | 6 |
| SLFT-530-C-1A-08-EPXA | SLiC530 Tray 8 SC/APC Pigtails | 80611327240 | 2527 | 1 | | | 8 |
| SLFT-530-C-1A-12-EPXA | SLiC530 Tray 12 SC/APC Pigtails | 80611327257 | 2527 | 1 | | | 12 |
| SLFT-530-B-1A-04-EPXC | SLiC530 Tray 4 SC/AP Ribbon Fanout | 80611327265 | 2527 | 1 | Ribbon Fanout | SC/APC | 4 |
| SLFT-530-B-1A-06-EPXC | SLiC530 Tray 6 SC/AP Ribbon Fanout | 80611327273 | 2527 | 1 | | | 6 |
| SLFT-530-C-1A-08-EPXC | SLiC530 Tray 8 SC/AP Ribbon Fanout | 80611327281 | 2527 | 1 | | | 8 |
| SLFT-530-C-1A-12-EPXC | SLiC530 Tray 12 SC/AP Ribbon Fanout | 80611327299 | 2527 | 1 | | | 12 |
| SLFT-530-B-1A-04-DAXA | SLiC530 Tray 4 SC/UPC Pigtails | 80611327307 | 2527 | 1 | Pigtail | SC/UPC | 4 |
| SLFT-530-B-1A-06-DAXA | SLiC530 Tray 6 SC/UPC Pigtails | 80611327315 | 2527 | 1 | | | 6 |
| SLFT-530-C-1A-08-DAXA | SLiC530 Tray 8 SC/UPC Pigtails | 80611327323 | 2527 | 1 | | | 8 |
| SLFT-530-C-1A-12-DAXA | SLiC530 Tray 12 SC/UPC Pigtails | 80611327331 | 2527 | 1 | | | 12 |

3M™ SLiC™ Fiber Aerial Terminal Closure 530 with External Cable Assembly Module (ECAM) FD

Accessories

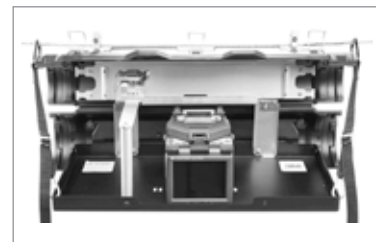
| Product No. | Product Description | 3M Stock No. |
|--------------------|---|--------------|
| 2527 | Fiber Optic Splice Tray 2527 | 80611175581 |
| SLFC/T-6-PORT-FLAT | SLiC 530/533/733 6-port Flat Drop or Cable Entry Kit | 80611317225 |
| SLiC-AC-HB2 | Extended Hanger Bracket | 80610846778 |
| AC-HB4 | Aerial Offset Hanger Bracket, 4.0", set | 80611314701 |
| SLiC-ES/7TC/E | 7" Rubber End Seal 3-port Version E | 80611316532 |
| SLiC-ES/5TC/E | SLiC closure 5" Rubber End Seal 3-port Version E | 80611316540 |
| 4460-D/FO | 3M™ Scotchlok™ Shield Bond Connector Assembly 4460-D/FO | 80610844443 |
| 25T-BEE6 | 25T-BBE6 (½" X 25') with eyelets | 80610096150 |
| SCAPC-900-COL1-4 | SCAPC 900 µm Pigtail Kit Colors 1-4 | 80611320567 |
| SCAPC-900-COL5-8 | SCAPC 900 µm Pigtail Kit Colors 5-8 | 80611320575 |
| SCAPC-900-COL9-12 | SCAPC 900 µm Pigtail Kit Colors 9-12 | 80611320583 |



3M™ SLiC™ 6-port Grommets



3M™ Fiber Optic Splice Sleeve 2170



3M™ SLiC™ Fiber Splicing Workstation



3M™ SLiC™ Fiber Splicing Workstation Cleaver Arm



3M™ Offset Hanger Bracket AC-HB4



3M™ Fiber Optic Splice Tray 2527

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