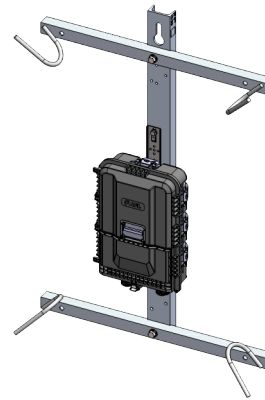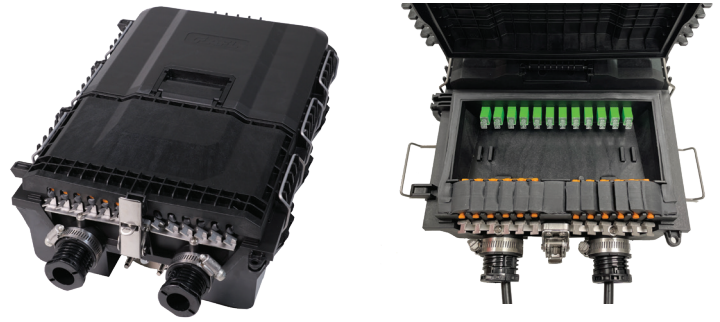# AFL RTD™ Splice Terminal

This innovative terminal provides the ability to install up to 12 individual Fiber-to-the-Home drop cables with a mid-span entry on a distribution cable. The AFL RTD Splice Terminal allows for up to 288F mass fusion splicing or up to 96 single fiber splices.

Multiple connector types are supported including drop cable adapter types, SC/APC, SC/UPC, LC/APC and LC/UPC. Fiber fanout kits are offered as single fiber or ribbon fiber versions for splicing preference and cable types installed. Fanout and adapters are included in the base configurations of the splice terminal. The AFL RTD Splice Terminal comes standard with two splice trays.

There are separate compartments for splicing and drop access with lockable splice storage area to prevent unnecessary access to this area of the closure. It is easy to use with only can wrench required to access. The patented, articulated hinged drop access lid with hold-open feature is lockable. Access to this area of the enclosure is all that is needed to add drops for new installations.

With an IP68 rating to 6 ft of water head, the AFL RTD Splice Terminal enables below grade installations.

Fully compatible with AFL's CB-30-3AL or CB-AX2SH Coil Brackets to support pole mounting applications

## Applications

- Below grade vault
- Pole mount, pedestal mount, wall mount and aerial mount

## Features

- Installation of up to 12 individual drop cables
- Maintains IP68 rating to 6 ft of water head for below grade installations
- Multiple Connector types and fanout combinations
  - Drop Cable adapter types, SC/APC, SC/UPC, LC/APC, LC/UPC
  - Single or ribbon fiber fanout kits for splicing preference and cable types installed
  - Fanout and adapters included in base configurations
- Separate compartments for splicing and drop access
- Lockable splice storage area prevents unnecessary access
- Patented, articulated hinged drop access lid with lockable hold-open feature
  - Access to this area of the enclosure is all that is needed to add drops for new installations.
  - Drop access area optimized for tight buffered fiber slack storage.

- Wide diameter range of distribution cable sizes
  - Accepts from 0.25" to 0.83" without having to change grommet sizes for sealing
- Innovative gel material seals around drop cables which allows for many re-entries into the drop area with no degradation in sealing.
- Easy to use and only requires a Can Wrench for access
- Splice terminal comes with 2 splice trays, 2 ground lugs, 2 ground wires and standard mounting brackets
- Mounting locations include pole mount, 12"x12" pedestal mount, below grade vault, wall mount, and aerial mounts.
- BEAD compliant
- Compatible with AFL's MicroCore® Cable, CB-30 Coil Bracket and CB-AX2SH Coil Bracket

BEAD compliant configurations and part numbers indicated where applicable. Non-compliant items may be eligible for BEAD De Minimis waiver. For complete list of compliant part numbers, see *AFL BEAD Program Compliant Equipment List* on our website.

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1 (800) 866-7385

# AFL RTD™ Splice Terminal

## Ordering Information

| Parameter | Value |
|---|---|
| Dimensions | 16.5" x 11.5" x 5.5" (6.75" for Drop Cover) |
| Weight | 8.5 lbs |
| Splice Capacity | 96 Single Splice (quad stack 40 mm sleeves) or 144F Ribbon Splice |
| Drop Capacity | 12 |
| Drop Cable Size | 3 mm Round Drop to 8.1 mm x 4.2 mm Flat Drop |
| Distribution Cable Port Size | 0.25" up to 0.83" |

## Ordering Information

| Description | AFL No. |
|---|---|
| AFL RTD Splice Terminal, 900 µm Fanout, SC/APC Adapters | AST-S-ASC-12 |
| AFL RTD Splice Terminal, 900 µm Fanout, SC/UPC Adapters | AST-S-USC-12 |
| AFL RTD Splice Terminal, 900 µm Fanout, LC/APC Adapters | AST-S-ALC-12 |
| AFL RTD Splice Terminal, 900 µm Fanout, LC/UPC Adapters | AST-S-ULC-12 |
| AFL RTD Splice Terminal, Ribbon Fanout, SC/APC Adapters | AST-R-ASC-12 |
| AFL RTD Splice Terminal, Ribbon Fanout, SC/UPC Adapters | AST-R-USC-12 |
| AFL RTD Splice Terminal, Ribbon Fanout, LC/APC Adapters | AST-R-ALC-12 |
| AFL RTD Splice Terminal, Ribbon Fanout, LC/UPC Adapters | AST-R-ULC-12 |
| AFL RTD Splice Terminal, No Fanouts, No Adapters | AST-X-XXX |
| **Accessories and Kits** | |
| Velcro, 75 Foot Length Roll – For securing SWR bundles in the slack basket | FC001759 |
| Apex Cable Bonding Kit (Bonds armored cable sheath to ground) – Pack of 10 | AX-KIT-GROUND-10 |
| WTC/SWR® Bundle Splice Tray Retention Kit – Includes 25 foam grommets for retaining SWR bundles to splice trays | HW000406 |
| Apex AFRS Kit 2 – Used for Loose Tube Cable. Kit includes: V-Clip (24 ea.) and Retention Pads (6 sheets of 8 pads) | AX-KIT-AFRSLT |
| Apex AFRS Kit 3 – V-Clip bulk kit. Includes: V-Clips (120 ea.) and Mesh Inserts (120 ea.) | AX-KIT-AFRSVC-120 |
| Apex AFRS Kit 4 – Mesh bulk kit. Includes: Clean Cut Gray Mesh (100 ft.) | AX-KIT-AFRSMESH-100FT |
| Aerial strand mount hanger kit | FC150793 |
| Hardware Kit for Mounting to AFL CB-30-3AL or CB-AX2SH Coil Brackets | HW150510 |
| PLC Splitter, 1x12, 900 µm, 1260-1650, 1 Meter Leads, SC/APC Connectors | PLC-1X12-9-1M-ASC |
| PLC Splitter, 1x8, 900 µm, 1260-1650, 1 Meter Leads, SC/APC Connectors | PLC-1X8-9-1M-ASC |
| PLC Splitter, 1x4, 900 µm, 1260-1650, 1 Meter Leads, SC/APC Connectors | PLC-1X4-9-1M-ASC |
| PLC Splitter, 1x2, 900 µm, 1260-1650, 1 Meter Leads, SC/APC Connectors | PLC-1X2-9-1M-ASC |

## Qualifications

| Governing Body | Standard Code |
|---|---|
| IEC | IEC 60529 (IP68) 6FT |
| Telcordia | GR-771 Temp/Humidity; Drop Test |

## Temperature Specifications

| Temperature Range | |
|---|---|
| Operation | -40°C to 65°C |
| Installation | -18°C to 40°C |

## Contact AFL for further details.

# AFL RTD™ Splice Terminal – Powered by Prodigy®

The AFL RTD Splice Terminal – Powered by Prodigy® provides an even simpler deployment of drop cable from the terminal. This innovative terminal provides the ability to install up to 12 Prodigy® Hardened Adapters on the front of the terminal.

## Features

- 12 Prodigy® Hardened Adapters on the front of the terminal
- Drop Cables easily installed on the front of the terminal
- Minimizes re-entries into the terminal
- Contains all features and performance of the standard AFL RTD™ Splice Terminal
- Made under license from CommScope

## Ordering Information

| Description | AFL No. |
|---|---|
| Prodigy® Hardened Drop Lid – SC/APC STD Fanout | AST-S-DROP-12 |
| Prodigy® Hardened Drop Lid – SC/APC Ribbon Fanout | AST-R-DROP-12 |

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