

AFL RTD® Mini Splice Terminal

AFL RTD® Mini Splice Terminal is a mid-size terminal for scalable FTTx distribution supporting higher drop count requirements and greater configuration flexibility for splitter or TAP-based designs. This splice terminal helps operators streamline outside plant builds with a common platform that supports centralized splicing and distributed splitting. Modular trays, isolated access and support for standard optical components simplify deployment, inventory planning, and lifecycle maintenance.

Features

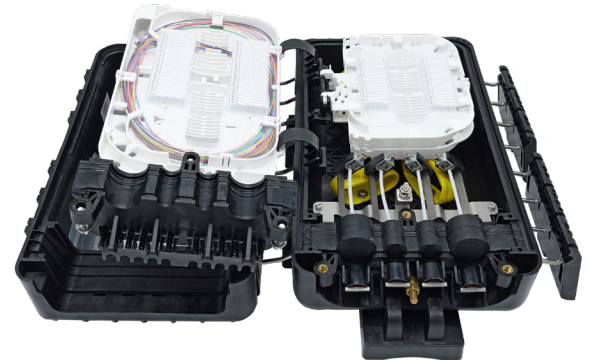
- Modular, field-replaceable trays for splice and splitter
- Spreadable adapter technology for easier access and handling
- Isolated feeder/branch and drop access to reduce service disruption
- Support for standard connectors, optical components and field-installable drops
- 12 drop ports optimized for right-sized deployments
- Designed for OSP harsh environments

Applications

- FTTx builds where mid-span splicing is required for new customer adds
- Rural broadband deployments with lower subscriber density
- Long distribution routes serving individual homes or small clusters
- Centralized splice terminal architectures
- Distributed split

Specifications

Parameter	Value
Dimensions	12.8 in. x 7.7 in. x 4.8 in.
Weight	7.7 lbs
Splice Capacity	144 splices
Drop Capacity	12 ports
Cable Ports	Feeder: 13-25 mm diameter Branch: 3-12 mm diameter
Supported Drop Cables	Round: 3.0 mm and 4.8 mm Standard Flat: 8.1 x 4.6 mm Micro Flat: 5.4 x 3.0 mm
Mounting	Pole, wall, strand, pedestal, handhole
Functional Options	Loose-tube splice, ribbon fiber splice, pre-connectorized drops, PLC splitters
Adapter Types	SC/APC, SC/UPC, LC/APC, LC/UPC (duplex)



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Architecture Support

Parameter	Value
Splice Terminal	Two branch ports are standard within the platform.
Splitter Terminal	Supports 1x2, 1x4, and 1x8 PLC splitter options within the family.

Ordering Information

Type	Description	AFL No.
SC/APC Ports	12-Port Splice Terminal, SC/APC	AST-M-S-ASC-12
	12-Port Splice Terminal, SC/APC, GND	AST-MG-S-ASC-12
	12-Port Splice Terminal, 1 Set of 1x4 PLC, 8 Pigtail SCA Multidrop	AST-M-S-ASC-12-S14
	12-Port Splice Terminal, 2 Sets of 1x4 PLC, 4 Pigtail SCA Multidrop	AST-M-S-ASC-12-D14
LC/APC Ports	12-Port Splice Terminal, LC/APC	AST-M-S-ALC-12
	12-Port Splice Terminal, LC/APC, GND	AST-MG-S-ALC-12
Aerial Mount Brackets	12-Port Mounting Bracket for Cable Strand	FC169026
Pole/Wall Mount Bracket	12-Port Mounting Bracket for Pole/Wall	FC173053
Splice Tray Kit	12-Port Splice Tray Kit	FC173055
Accessories		
Grommets	12-Port Grommets for 3~25 mm Cable, 6 PCS	FC171271
Grommets	AFL RTD, Mini/Micro Terminal, Grommets for 3~12 mm Cable, 12 PCS	FC171272

Qualifications

Governing Body	Standard Code
IEC	IEC 60529 (IP68) 20 FT for 7 days
Telcordia	GR-771 Compliant for below grade applications

Temperature Specifications

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

Contact AFL for further details.

For complete installation instructions on the AFL RTD® Mini Splice Terminal, scan the QR code below.

