

AFL RTD® Micro Splice Terminal

AFL RTD® Micro Splice Terminal is a compact terminal for lower-density FTTx routes where right-sized drop capacity, straightforward fiber access, and rugged environmental sealing are essential. These splice terminals help 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

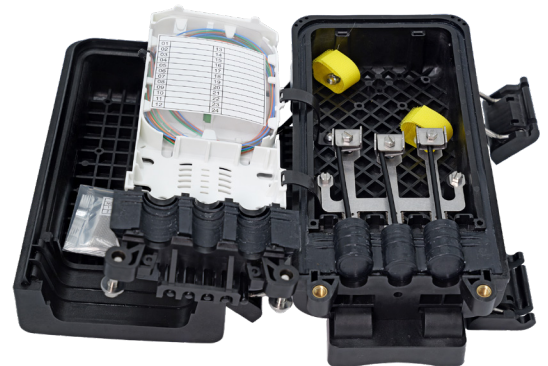
- Modular, field-replaceable trays for splice and splitter
- Spreadable adapter technology for easier access and handling
- Isolated feeder/branch and drop access to reduce service disruption
- Support for standard connectors, optical components and field-installable drops
- 4 drop ports optimized for 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	9.0 in. x 5.0 in. x 3.6 in.
Weight	2.8 lbs
Splice Capacity	24 splices
Drop Capacity	4 ports
Cable Ports	Feeder: 5-14 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	Ideal for centralized architectures where feeder fiber is directly spliced to pre-connectorized drops or configured for splice-only applications.
Splitter Terminal	Ideal for distributed split architectures. Splitter trays can be replaced in the field to support service adds and changes.

Ordering Information

Type	Description	AFL No.
SC/APC Ports	4-Port Splice Terminal, SC/APC	AST-M-S-ASC-04
	4-Port Splice Terminal, SC/APC, GND	AST-MG-S-ASC-04
	4-Port Splice Terminal, 1x4 PLC, SCA	AST-M-S-ASC-04-S14
LC/APC Ports	4-Port Splice Terminal, LC/APC	AST-M-S-ALC-04
	4-Port Splice Terminal, LC/APC, GND	AST-MG-S-ALC-04
Aerial Mount Bracket	4-Port Mounting Bracket for Cable Strand	FC169025
Pole/Wall Mount Bracket	4-Port Mounting Bracket for Pole/Wall	FC173048
Splice Tray Kit	4-Port Splice Tray Kit	FC173049
Accessories		
Grommets	AFL RTD, Mini/Micro Terminal, Grommets for 3~12 mm Cable, 12 PCS	FC171272
Grommets	4-Port Grommets for 5~14 mm Cable, 12 PCS	FC171273

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® Micro Splice Terminal, scan the QR code below.

