A Furukawa Company

SlimBox™ Underground Terminal

Terminal Closed

Product Description

The SlimBox Underground Terminal is used to connect distribution cables in the outside plant network to drop cables in FTTx networks, including Fiber to the Home, Building, or Cell Site. It enables quick and easy connections through plug-and-play connectorized drop cables, fusion splicing, splice on connectors, or mechanical connectors.

The terminal has one area for storage and splicing, and a separate area for the management and activation of subscribers. The mechanical sealing system supports round drop cables, making the terminal ideal for both underground and aerial applications.

The SlimBox Underground Terminal can be configured to support a variety of needs: fusion splices (up to 4 splice trays, with 16 splice protectors holder each), spliced and connectorized drops (up to 2 splice trays and 1 adapter tray with up to 16 SC adapters). In addition, it can house up to 2 factory-connectorized 1x8 splitters or 1 factory connectorized 1x16 splitter, as well as unconnectorized splitters.

The terminal accepts entry cables with a maximum diameter of 17.5 mm. It is possible to implement mid-span branching of the main cable using the oval ports, whereas the network branching can be implemented using the round ports. It is also compatible with round (2 to 4 mm) drop cables.

The terminal also has wall, pole and steel wire mounting supports and is suitable for underground installation.

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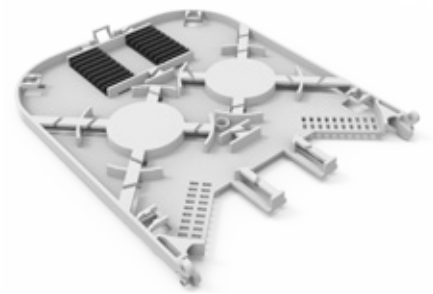
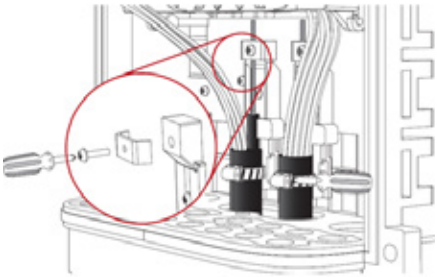
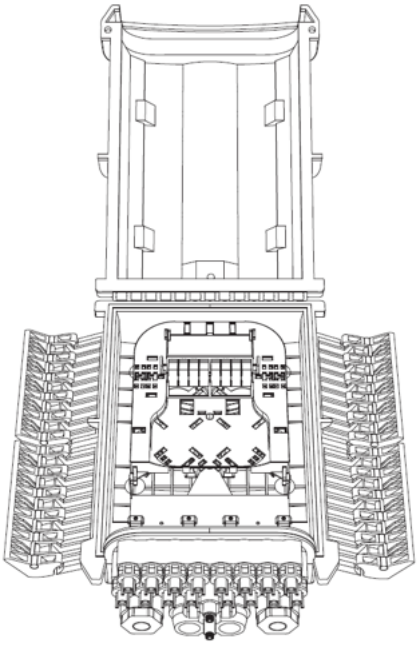


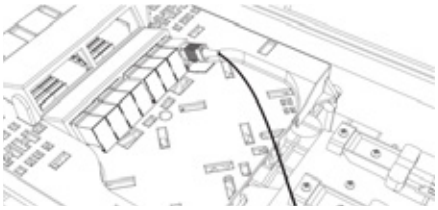
Features	Benefits
• Available with SC-APC adapters	• Plug-and-play subscriber connections without fusion splice equipment
• Standard SC-APC Connectors and adapters	• Non-proprietary connector system • Easy cleaning with standard kits
• One terminal part number supports up to 16 drop connections	• Reduced inventory
• OFS AllWave® *FLEX*+ Fiber standard in all drop, pigtail, and tether assemblies	• Low bending loss for improved system performance and/or increased safety margins
• EZ-Bend® 3.0 mm indoor/outdoor drop cable assemblies	• May eliminate outdoor transition box by placing cable into residence and connecting directly to indoor ONT
• 1x16 or two 1x8 splitters available either factory installed or installable in terminal	• PON splitter and drop cable connection functionality from a single terminal • Reduced fusion splicing if factory installed
• Mid-span splicing into distribution cable	• Avoids need for additional splice closure required by proprietary hardened connector systems
• Hand activated clips to open and close terminal	• Safe, quick, and easy access
• Splicing and fiber management area isolated from subscriber connection area	• Avoids risk of subscriber drop technicians disturbing splices or fibers



Input Cables Fixation



Internal Terminal View



Internal Adapter Tray View

Product Characteristics

Capacity	Up to 16 drop cables Up to 64 splices when used as a splice closure only Up to 48 splices with adapter tray
Protection Level	IP68/ NEMA 6P/ Standard: IEC 61300-2-25
Application Environment	Outdoor installation in aerial or underground applications

Physical Characteristics

Terminal Dimensions	24.5 cm wide X 38.0 cm high X 13.0 cm deep
Cable Port Dimensions	1 Oval Cable Entry Port OD: 10 - 17.5 mm 2 Branching Ports OD: 8 - 17.5 mm
Drop Dimensions and Capacity	Round: 16 cables from 2-4 mm
Body Material	Reinforced Thermoplastic
Color	Black
Weight	4.5 kg
Operation Temperature	-40º C to +65º C per GR-771

Ordering Information

Comcode	Product Code	Description
301126322	SLIMBOX-UNDERGROUND-TERMINAL,16-EMPTY	Underground Terminal empty
301126330	SLIMBOX-NDRGRND-TERM,16-1SPL-SCA-P1-1X08	Splitter version 8 SCA adapters (splitter input is unconnectorized)
301126348	SLIMBOX-NDRGRND-TERM,16-1SPL-SCA-P1-1X16	Splitter version 16 SCA adapters (splitter input is unconnectorized)
301126355	SLIMBOX-NDRGRND-TERM,16-2SPL-UNC-P1-1X16	Splitter version 16 SCA adapters (splitter input and output are unconnectorized)
301126363	SLIMBOX-NDRGRND-TERM,16-1SPL-SA8-P1-1X08	Splitter version 8 SCA shutter adapters (splitter input is unconnectorized)
301126371	SLIMBOX-NDRGRND-TERM,16-1SPL-SA8-P2-1X08	2 splitters version 8 SCA shutter adapters (splitter inputs are unconnectorized)
301126389	SLIMBOX-NDRGRND-TERM,16-1SPL-SA8-P1-1X16	Splitter version 16 SCA adapters (splitter input is unconnectorized)
301126397	SLIMBOX-NDRGRND-TERM,ADAPTER TRAY-08-SA8	Adapter tray 8 SCA shutter adapters
301126405	SLIMBOX-NDRGRND-TERM,ADAPTER TRAY-16-SA8	Adapter tray 16 SCA shutter adapters
301126413	SLIMBOX-NDRGRND-TERM,ADAPTER TRAY-08-SCA	Adapter tray 8 SCA adapters
301126421	SLIMBOX-NDRGRND-TERM,ADAPTER TRAY-16-SCA	Adapter tray 16 SCA adapters
301126439	SLIMBOX-NDRGRND-TERM,16-SPLICE TRAY-SF	Splice tray (one splice tray)

For additional information please contact your sales representative.
You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.

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