



# optotec SSD

## Sliding Splicing Drawer



The Optotec SSD Sliding Splicing Drawer is a product designed to splice “cables to cables” and “cables to pigtails”.

The product can be used inside ODF racks in combination with STD shelves to terminate pigtails.

SSD can also be used inside OXF racks. (only 19” type)

### APPLICATIONS

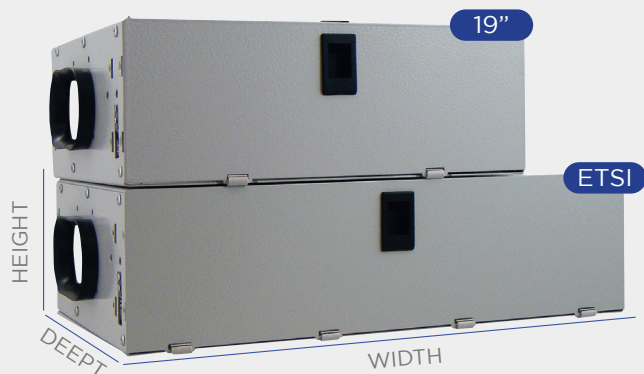
- Splice cable to cables
- Splice cable to pigtails/patchcords
- Splice cable to intra-facility cables IFC
- Splice ribbon to ribbon cables or ribbon fan-out

### INSTALLATIONS

- Central Office racks
- Pops street cabinet
- Data Center frames

### KEY FEATURES AND BENEFITS

- Use of SAMX (Sub Assembly Modules) for splicing
- Integration of passive components such as PLCs
- Ability to terminate pigtails using Optical Pigtail Kevlar Retainer
- Facilitate the installation with pre-assembly tubes to guide the fibres within the sub-rack to reach the splicing cassettes
- Ribbon splice tray can be integrated for Ribbon to Ribbon or Ribbon to fan-out splices.

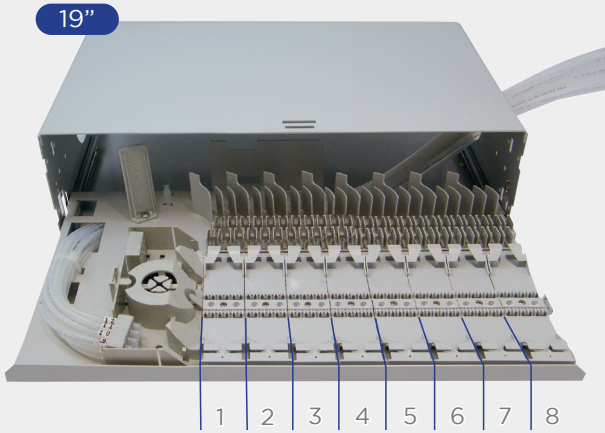


SUBRACK TYPE	DIMENSION IN mm			FRAME-MOUNTED ENCUMBRANCE
	HEIGHT	DEPTH	WIDTH	UNIT no.
SSD 19"	125	280	340	3U
SSD ETSI	125	280	440	3U

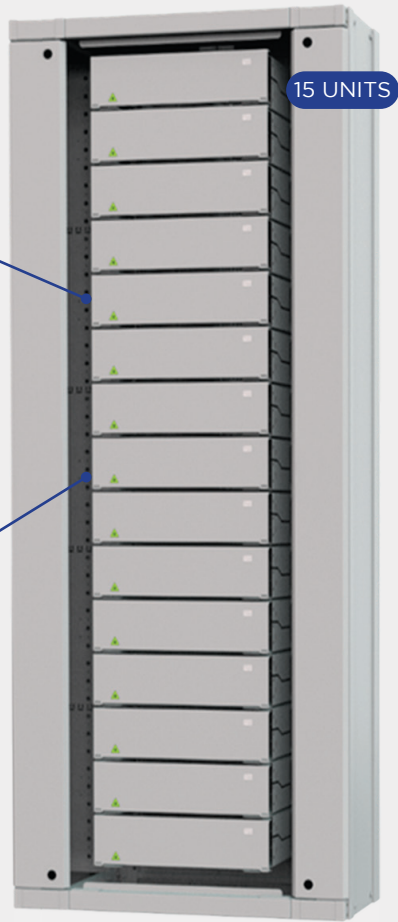
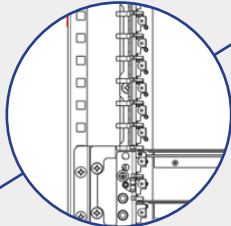
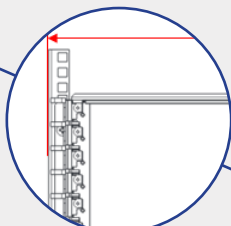
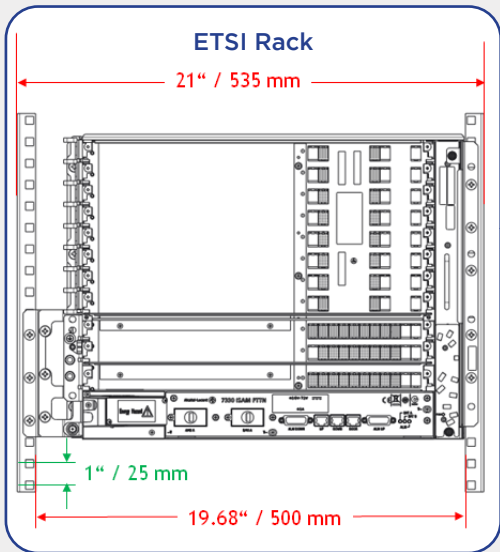
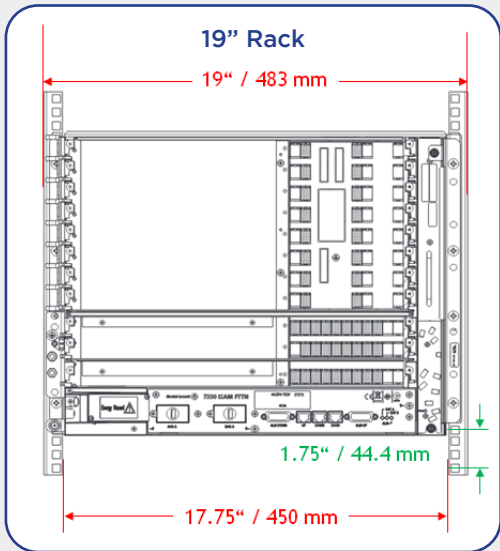
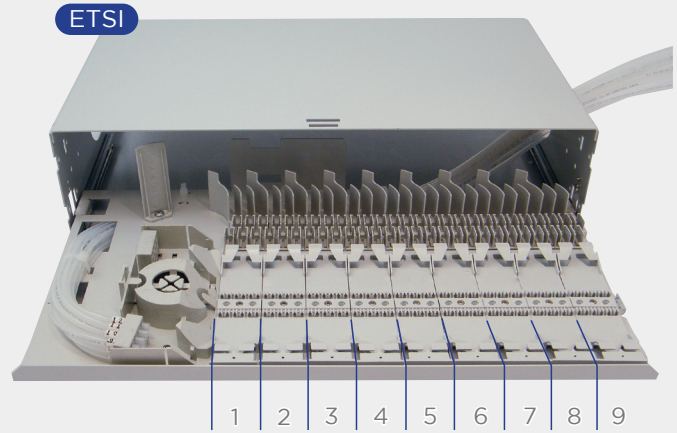
SUBRACK TYPE	DIMENSION IN mm WITH FLANGES			FRAME-MOUNTED ENCUMBRANCE
	HEIGHT	DEPTH	WIDTH	UNIT no.
SSD 19"	125	280	481	3U
SSD ETSI	125	280	531	3U

# COMPONENTS AND CONFIGURATIONS

SSD 19" type  
capacity 8 WAPX



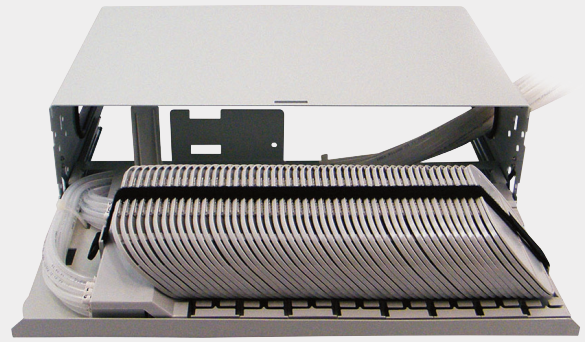
SSD ETSI type  
capacity 9 WAPX



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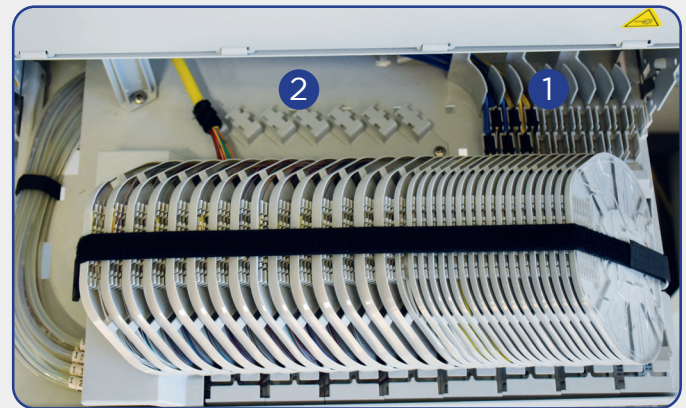
Users of STL products should make their own evaluation to determine the suitability of each product for the specific application.

SUBRACK CAPACITY	SPlicing CABLE TO CABLE			
	SSD 19"		SSD ETSI	
	Fibers	Trays	Fibers	Trays
2 F.O. PER TRAY	96	48	108	54
4 F.O. PER TRAY	192	48	216	54
12 F.O. PER TRAY	576	48	648	54
24 F.O. PER TRAY	768	32	864	36
3 RIBBON PER TRAY	864	24	972	27

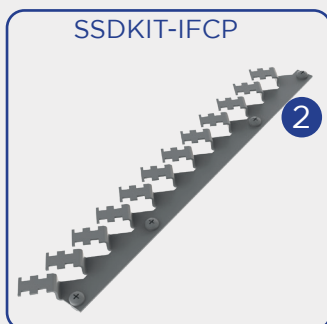


REFERENCE PN	DESCRIPTION
SSD-3F-C2C-N	Sliding Splicing Drawer - 3 unit, 15" - Cable to Cable - empty
SSD-3I-C2C-N	Sliding Splicing Drawer - 3 unit, 19" - Cable to Cable - empty
SSD-3M-C2C-N	Sliding Splicing Drawer - 3 unit, ETSI - Cable to Cable - empty

SUBRACK CAPACITY	SPlicing CABLE TO PIGTAIL			
	SSD 19"		SSD ETSI	
	Fibers	Trays	Fibers	Trays
2 F.O. PER TRAY	96	48	108	54
4 F.O. PER TRAY	192	48	216	54
3 RIBBON PER TRAY	864	24	972	27



REFERENCE PN	DESCRIPTION
SSD-3F-C2P-N	Sliding Splicing Drawer - 3 unit, 15" - Cable to Pigtails - empty
SSD-3I-C2P-N	Sliding Splicing Drawer - 3 unit, 19" - Cable to Pigtails - empty
SSD-3M-C2P-N	Sliding Splicing Drawer -3 unit, ETSI - Cable to Pigtails - empty



REFERENCE PN	DESCRIPTION
SSDKIT-PKRM	Pigtail Kevlar Retainer Module
SSDKIT-IFCP	Intra facility cable plate (12x retainer 1x cable each)

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# GUIDE TO SPLICE

## TECHNICAL FEATURES



- Loop-Back facility: Yes
- Material: ABS-PC
- Flammability Rating: UL-94 V0
- Color\*: RAL 7035

\*other colors available upon request



## APPLICATION

- Fiber management inside OPTOTEC products
- Hold and protect the splice

### FIBERTERM SPLICE

MODULE TYPE SAMX	TRAY PER PACK	SPLICES PER TRAY	TOTAL NUM. SPLICES PER MODULE
HD6-8H 	6	8H	48
HD6-12H 	6	12H	72



### FIBERCLIP SPLICE

MODULE TYPE SAMX	TRAY PER PACK	SPLICES PER TRAY	TOTAL NUM. SPLICES PER MODULE
HD4-12C 	4	12C	48
HD6-12C 	6	12C	72

### FIBERTERM SPLICE-ARRANGED ON 3 LAYERS

MODULE TYPE SAMX	TRAY PER PACK	SPLICES PER TRAY ARRANGED ON LAYERS	TOTAL NUM. SPLICES PER MODULE
HD3-24H 	3	$\equiv$ 3 LAYERS (8+8+8) total. 24H	72

### FIBERTERM SPLICE-ARRANGED ON 2 LAYERS




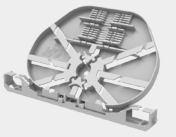

MODULE TYPE SAMX	TRAY PER PACK	SPLICES PER TRAY ARRANGED ON LAYERS	TOTAL NUM. SPLICES PER MODULE
HD4-12H 	4	$\equiv$ 2 LAYERS (6+6) total. 12H	48
HD4-24H 	4	$\equiv$ 2 LAYERS (12+12) total. 24H	96

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# GUIDE TO SPLICE

## FIBERTERM SPLICE AND PLC SPLITTER

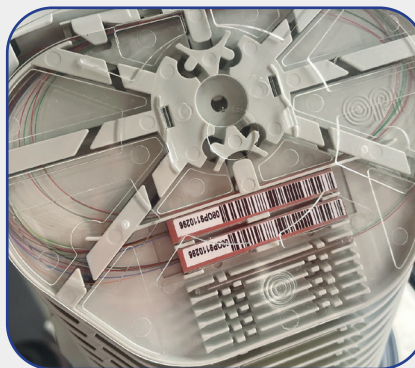
MODULE TYPE SAMX	TRAY PER PACK	SPLICES PER TRAY	TOTAL NUM. PLC PER MODULE	HELD SPLITTER SIZES	TOTAL NUM. SPLICES PER MODULE
 HD3-18H-1PLC	3	 3 LAYERS (6+6+6)  total 18H	3	4x7x50 mm	54
 HD1-18H-1PLC	1	 3 LAYERS (6+6+6)  total 18H	1	4x7x50 mm	18
 HD4-12H-2PLC	4	 2 LAYERS (6+6)  total 12H	8	4x7x50 mm and 4x4x40mm	48
 HD1-12C-2PLC	1	 1 LAYER (6+6)  total 12C	2	4x7x50 mm	12
 HD3-12C-2PLC	3	 1 LAYER (6+6)  total 12C	6	4x7x50 mm	36

## COMPATIBLE BARE FIBER SPLITTER SIZES

4x4x40 mm (typ. n:2, n:4, n:8)



7x4x50 mm (typ. n:16 and n:32)



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## GUIDE TO SPLICE

2R and 3R: High capacity IBR-IBR “Splice and Forget” cassettes

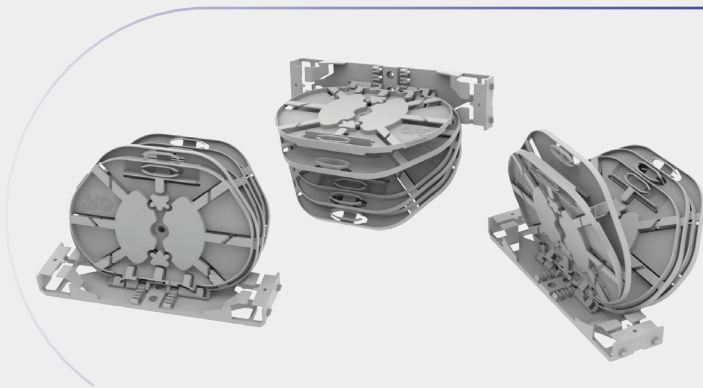
- 2x IBR Splice Protectors per SE cassette.
- 3x IBR Splice Protectors and 12x single fiber heat-shrinkable Splice Protectors.

This solution allows carrying out maintenance and disaster repair on IBR modules.

R/R: Double density IBR splice solution

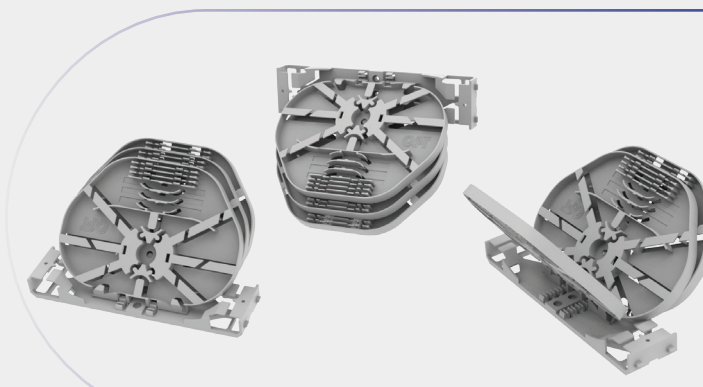
- Ideal where IBR reaches the access network.
- 1 IBR/Element per tray for unambiguous binder identification.
- Same thickness as SE single element trays (8mm).

### MODULE TYPE: SAMX-HD3-R/R



TRAY PER PACK	SPLICES PER TRAY	TOTAL NUM. SPLICES PER MODULE	TOTAL RIBBON FO SPLICED PER MODULE
3	R+R	6R	72

### MODULE TYPE: SAMX-HD3-3R-12H

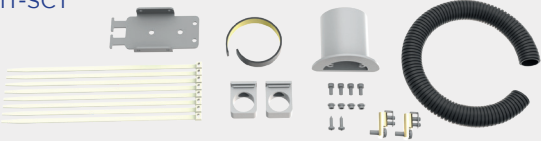






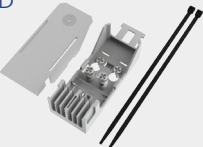
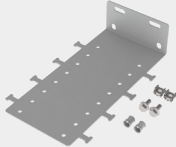



TRAY PER PACK	SPLICES PER TRAY	TOTAL NUM. SPLICES PER MODULE	TOTAL RIBBON FO SPLICED PER MODULE
3	3R+12H	9R+36H	108

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## SSD DRAWER COMPLEMENTARY ACCESSORIES KIT

KIT CODE EXTENTION AND PICTURE	DESCRIPTION
STDKIT-SCT 	Loose tube cable termination on the shelf.
STDKIT-EMB1 	1U symmetric mounting bracket for 19" to ETSI.
STDKIT-EMB2 	2U Symmetric mounting bracket for 19" to ETSI.
STDKIT-EMB3-4 	3U Symmetric mounting bracket for 19" to ETSI.
STDKIT-AMB1 	1U Asymmetric mounting bracket for 19" to ETSI. (to be used together with 19" bracket included in the basic kit)
STDKIT-AMB2 	2U Asymmetric mounting bracket for 19" to ETSI. (to be used together with 19" bracket included in the basic kit)
STDKIT-AMB3-4 	3U Asymmetric mounting bracket for 19" to ETSI. (to be used together with 19" bracket included in the basic kit)
STDKIT-CTS-MANIFOLD 	For cable fixing and branching up to 24x transportation tubes (Ø5x3mm). Suitable for 2x cables.
STDKIT-CFP 	For side fixing in side ducts of racks. Used to fix: - 4 fiber optic cables (Ømax 40mm) - 4 cts-manifold
PA11-PIPE-5x3 	Loose tube cable termination on the shelf.

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