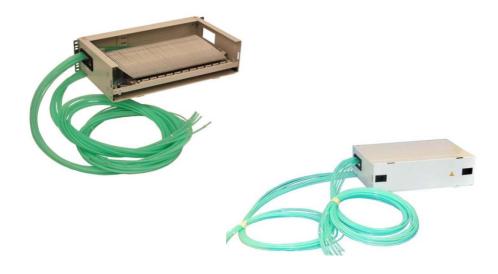# Sliding Sub-Rack (Splicing)

Prysmian Part Number: *See page 3*

The OAsys Sliding Sub-Rack (Splicing) is a 3U shelf for use within 19" and ETSI standard racks. It is used to splice internal cables directly to pigtails, or for cable to cable jointing. The shelf can accommodate single circuit or single element splice trays or a combination of both.   The shelf is supplied without splice trays, which are ordered separately as required.   Two versions are available SSR-S-59 (cable to pigtails) and SSR-S-59CC (cable to cable). Transport tubes are pre-installed and located at the left side.

Features and Benefits

• For use in both 19" and ETSI standard racks.

• Suitable for Single Circuit management (up to 4 fibres per tray) or Single Element management (up to 12 fibres per tray).

• Can accommodate up to 96 splices in a 19" rack, and up to 120 splices in an ETSI rack for cable to pigtail splicing.

• Can accommodate up to 144 splices in a 19" rack or ETSI rack for cable to cable splicing.

• Modular upgradeable solution.

• Shelf pulls outwards to enable easy access to the splice trays.

• Splice tray holders are available for crimp, heatshrink or fiberlock (only with half of the capacity) splices.

• Compatible with the OAsys Modular Main Rack.

• Fully bend managed to 30mm minimum bend radius.

Kit Contents

• SSR-S-59 The unit is supplied with a Main Frame, a removable cover, a removable front cover, mounting brackets and transport tubes (10 for ETSI and 8 for 19").

• SSR-S-59CC. The unit is supplied with a main frame, a removable cover, a removable front cover, mounting brackets, mounting bracket for fixing up to 12 cables, fixing blocks for transport tubes in and out and 12 transport tubes for cables out.

Additional Items Required

• Splice Trays
• Cable Clamping Kits
• Transport Tube
• Splice Protectors

Technical Data

SSR-S-59CC (cable to cable)

• Max Number of splice trays:	19″: 40 (SC), 16 (SE)
	ETSI: 40 (SC), 16 (SE)
• Max number of splices:	19″: 144, ETSI: 144
• Max number of transport tubes:	12 in Ø 3.5/5 mm
	12 out Ø 3.5/5 mm
• Required space envelope (mm):	19″: (w) 440 x (d) 280 x (h) 133
	ETSI: (w) 490 x (d) 280 x (h) 133
• Operating temperature:	-20ºC to + 60ºC (5 to 95% RH)

• Material: -

• Metalwork:	Mild Steel (painted grey RAL 7035)
• Plastics:	PC ABS (grey RAL 7035)

SSR-S-59 (cable to pigtails)

• Max Number of splice trays:	19″: 48 (SC), 20 (SE)
	ETSI: 60 (SC), 24 (SE)
• Max number of pigtails:	19″: 96, ETSI: 120
• Max number of transport tubes:	12 in Ø 3.5/5 mm
	12 out Ø 3.5/5 mm
• Required space envelope (mm):	19″: (w) 440 x (d) 280 x (h) 133
	ETSI: (w) 490 x (d) 280 x (h) 133
• Operating temperature:	-20ºC to + 60ºC (5 to 95% RH)

• Material: -

• Metalwork:	Mild Steel (painted grey RAL 7035)
• Plastics:	PC ABS (grey RAL 7035)

• Testing: -

• Optical:	tested at 1310 nm and 1550 nm
• Dry heat:	IEC 60068-2-2 test B
• Damp heat:	IEC 60068-2-3
• Change of temperature:	IEC 60068-2-14
• Vibration:	IEC 60068-2-6
• Shock:	IEC 60068-2-27

Logistics

- Packing Dimensions (mm): (w) 570 x (d) 350 x (h) 200
- Packed Weight (kg):   8.3 (ETSI) 6.9 (19″)
- Net weight (kg):   7.5 (ETSI) 6.1 (19″)

Part Numbers

Part Number	Type	Description
XEXSC02158	SSR-S-59CC	19″ cable to cable supplied without splice trays
XEXSC02159	SSR-S-59CC	ETSI cable to cable supplied without splice trays
XEXSC02160	SSR-S-59	19″ cable to pigtails supplied without splice trays
XEXSC02161	SSR-S-59	ETSI cable to pigtails supplied without splice trays

Additional Items

5 Tray SC Module

The 5 tray single circuit module is used to populate the SSR-S shelves with SC splice trays. The module is available for both heat shrink and crimp splice protectors.

Prysmian Part No. – XEXSC02162 (heat shrink splice protectors)
XEXSC02163 (crimp splice protectors)

2 Tray SE Module

The 2 tray single element module is used to populate the SSR-S shelves with SE splice trays. The module is available for both heat shrink and crimp splice protectors.

Prysmian Part No. – XEXSC02164 (heat shrink splice protectors)
XEXSC02165 (crimp splice protectors)

Heatshrink Splice Protector

Splice protectors are used to protect the fibre splice. They are 2.2mm in diameter and 45mm in length.

Prysmian Part No. - XPESC00053 (pack of 50)
- XKTSC00050 (pack of 12)

Crimp Splice Protectors

Crimp Splice Protectors are used to protect the fibre splice. They are 1.3mm wide x 3.2mm high x 30mm long.

Prysmian Part No. – XKTSC00078 (pack of 50)
XKTSC00079 (pack of 12)

Please contact your local sales office listed on **www.prysmiangroup.com**