OAsys[®] INTERNAL PLANT

SRS4000 Splice Only Shelf Installation Guide



*NOTE: SOME IMAGES IN THIS GUIDE SHOW OPTICAL CONNECTORS THESE WILL NOT BE PRESENT IN SPLICE ONLY VERSIONS.

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1.0 COMPONENT PARTS AND ADDITIONAL ITEMS

Tools & Additional Items Required

Additional	Items Required:	Prysmian Part No.	Pack Size	
SPLICE	PROTECTOR	XKTSC01284	12	
1.3mm x 30 SPLICE PROTECTOR 1.3mm x 30 SPLICE PROTECTOR 2.2mm x 45		XPESC00057	50	
		XKTSC00050	12	
		XPESC00053	50	
		XKTSC00079	12	
		XKTSC00078	50	
SPLICE	PROTECTOR			
2.2	2mm x 45			
SPLICE PROTECTOR -				
(CRIMP			
SPLICE PROTECTOR -				
CRIMP				
Fixings:	ETSI Mounting Bracket Kit – XKTSC00171			
Tools:	Pozi Drive Screwdrivers No.1, No.2 and No.3			
	Cable and Fibre Preparation Tools			

Component Parts (pictures not to scale)

1 Splice Only Shelf 1U, 2U or 3U	2 Top Cover	3 Bend Limiting Tube
4 Rapid Cable Anchor (ARS)	5 Patch Cord Bend Manager	Fastenings, Fixings & Tools
		 6 Tube Installation Tool 7 Screw M6 x 12mm Pozi Pan Hd. 8 M6 Cage Nuts 9 Cable Ties 2.5 x 100 10 Cable Ties 3.6 x 295 11 Screw M4 x 10mm Pozi Pan Hd. 12 Screw M4 x 6mm Pozi Pan Hd. 13 Velcro

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2.0 INPUT CABLE PREPARATION



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4.1 FIBRE ROUTING S4-X-201

Step 4.1.1 **FOLLOW SECTION 3.0, STEPS 2-9** • For shelf preparation firstly follow SECTION 3.0, STEPS 2-9. • Use the tubes provided in the ARS Kit.

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4.1 FIBRE ROUTING S4-X-201



4.1 FIBRE ROUTING S4-X-201



4.2 FIBRE ROUTING S4-X-200

Step 4.2.1					
PREPARE RUGGERDISED CABLE AS PER					
GUIDE IN XII					
• Prepare ruggerdised cable in line with guide supplied with aram restraint kit.	id				

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4.2 FIBRE ROUTING S4-X-200



4.2 FIBRE ROUTING S4-X-200



5.0 SPLICING 1U SHELF



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- Starting with Fibre No. 1 (see correct colour sequence diagram), splice the Blue Pigtail to the Blue Primary Input Fibre and store the splice protector in the Splice Protector Bay.
- Repeat for fibres 2 through to 12 and store each spliced fibre in sequence in the splice protector bay.

NOTE: Ensure that enough 900 μ m buffering is removed from the Pigtail fibre to allow a gap of 5 to 10mm from the buffering to the splice protector. This will allow the splice protector to shrink down onto 250 μ m fibre only, as illustrated in the photograph above.

5.0 SPLICING 1U SHELF



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5.0 SPLICING 1U SHELF



6.0 SPLICING 2U & 3U SHELF



6.0 SPLICING 2U & 3U SHELF



• Swing out the Splice Only Module to fully open.

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6.0 SPLICING 2U & 3U SHELF



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