

SRS3000 1U Connectorised Splitter Shelf

Prysmian Part Numbers: See Table on following pages



The SRS3000 Connectorised Splitter Shelf is a 1U shelf that allows pre-connectorised splitters to be mounted onto adapter panels. The shelf consists of a metal chassis fitted with a lightweight, swing out plastic shelf holding the splitter's and adapters. The shelf is compatible with 19" and ETSI racks and can accommodate a number of connectorised splitters from 1x2 to 1x32 configurations, using all types of connectors. The shelf is supplied with the splitters pre-installed by Prysmian with both the input and output fibres from the splitter being connectorised which makes patching splitters into networks extremely easy.

Features and Benefits

- High density cost effective design for housing connectorised splitters in racks or cabinets.
- Compatible with all connector types.
- Dedicated input and output positions for the splitter legs.
- Unit manufactured from high strength fire retardant plastic to give a light weight solution.
- Supplied with connectorised splitters pre-installed by Prysmian. The number of splitters per shelf depends on the configuration and connector type. The part number tables on pages 2 to 4 show all of the configurations possible.
- All fibres are positively managed to a 30mm minimum bend radius.
- Shelf pivots out to enable access to the splitter storage area for maintenance.
- Ideal for high density FTTH applications with Passive Optical Networks (PON).
- Can be mounted in racks, wall cabinets and street-side cabinets.
- Compatible with the SRS3000 product range.
- Patch cord are bend managed for extra protection.
- **Note:** for shelves totalling more than 24 patch cords (input + output) 2mm patch cords must be used

Kit Contents

The SRS3000 Connectorised Splitter Shelf is supplied with splitters pre-installed and all of the necessary equipment to mount the unit into a 19" rack.

Additional Items

- ETSI Mounting Brackets
- Rear Mounting Bracket
- Connector Removal Tool
- Patch cords (See Data Sheet AC004)

Technical Data

- Max number of outputs: 32
- Required space envelope (mm): (w) 480 x (d) 245 x (h) 44.5
- Operating temperature: -20°C to + 60°C (5 to 93% RH)
- Material: -
 - Metalwork: Mild Steel
 - Plastics: High Impact Polystyrene
- Finish: -
 - Metalwork: Painted Light Grey RAL 7035
 - Plastics: Light Grey RAL 7035
- Testing: -
 - Optical: Tested 1310nm, 1550nm and 1625nm
 - Vibration: IEC 60068-2-6: 1995
 - Shock: IEC 60068-2-27: 1987

Logistics

- Packing Dimensions (mm): (w) 530 x (d) 330
x (h) 80
- Packed Weight (kg): 3.00
- Net weight (kg): 2.45

Splitter Technical Data

For technical information of the splitters please refer to Prysmian data sheet AC005.

For Patch cords see data sheet AC004

Part Numbers

SRS3000 1U Connectorised Splitter Shelves

The SRS3000 1U Connectorised Splitter Shelf is supplied with the splitters and adapters installed, a patchcord bend manager and a rack fixing kit. Please refer to the part number tables below and on the following page.

* Where Quad adapters are listed for SC connectors it is two duplex SC adapters side by side. 2mm patch cords should be used where multiple splitters are mounted on one shelf.

Part number	Connector type	Adaptor type	No of Splitters	Splitter Size	Splitter Type
SRS1-400	FC/UPC	Simplex	4	1x2	Fused Biconic
SRS1-401	FC/UPC	Simplex	8	1x2	Fused Biconic
SRS1-402	FC/UPC	Simplex	2	1x4	Planar Light Circuit
SRS1-403	FC/UPC	Simplex	4	1x4	Planar Light Circuit
SRS1-404	FC/UPC	Simplex	1	1x8	Planar Light Circuit
SRS1-405	FC/UPC	Simplex	2	1x8	Planar Light Circuit
SRS1-406	FC/UPC	Simplex	1	1x16	Planar Light Circuit
SRS1-407	FC/APC	Simplex	4	1x2	Fused Biconic
SRS1-408	FC/APC	Simplex	8	1x2	Fused Biconic
SRS1-409	FC/APC	Simplex	2	1x4	Planar Light Circuit
SRS1-410	FC/APC	Simplex	4	1x4	Planar Light Circuit
SRS1-411	FC/APC	Simplex	1	1x8	Planar Light Circuit
SRS1-412	FC/APC	Simplex	2	1x8	Planar Light Circuit
SRS1-413	FC/APC	Simplex	1	1x16	Planar Light Circuit
SRS1-414	SC/UPC	Simplex	4	1x2	Fused Biconic
SRS1-415	SC/UPC	Simplex	8	1x2	Fused Biconic
SRS1-416	SC/UPC	Duplex	4	1x2	Fused Biconic
SRS1-417	SC/UPC	Duplex	8	1x2	Fused Biconic
SRS1-418	SC/UPC	Quad*	4	1x2	Fused Biconic
SRS1-419	SC/UPC	Quad*	8	1x2	Fused Biconic
SRS1-420	SC/UPC	Quad*	12	1x2	Fused Biconic
SRS1-421	SC/UPC	Simplex	2	1x4	Planar Light Circuit
SRS1-422	SC/UPC	Simplex	4	1x4	Planar Light Circuit
SRS1-423	SC/UPC	Duplex	2	1x4	Planar Light Circuit
SRS1-424	SC/UPC	Duplex	4	1x4	Planar Light Circuit
SRS1-425	SC/UPC	Quad*	4	1x4	Planar Light Circuit
SRS1-426	SC/UPC	Quad*	8	1x4	Planar Light Circuit
SRS1-427	SC/UPC	Simplex	1	1x8	Planar Light Circuit
SRS1-428	SC/UPC	Simplex	2	1x8	Planar Light Circuit
SRS1-429	SC/UPC	Duplex	1	1x8	Planar Light Circuit
SRS1-430	SC/UPC	Duplex	2	1x8	Planar Light Circuit
SRS1-431	SC/UPC	Quad*	2	1x8	Planar Light Circuit
SRS1-432	SC/UPC	Quad*	4	1x8	Planar Light Circuit
SRS1-433	SC/UPC	Simplex	1	1x16	Planar Light Circuit
SRS1-434	SC/UPC	Duplex	1	1x16	Planar Light Circuit
SRS1-435	SC/UPC	Quad*	1	1x16	Planar Light Circuit
SRS1-436	SC/UPC	Quad*	2	1x16	Planar Light Circuit
SRS1-437	SC/UPC	Quad*	1	1x32	Planar Light Circuit

Part number	Connector type	Adaptor type	No of Splitters	Splitter Size	Splitter Type
SRS1-438	SC/APC	Simplex	4	1x2	Fused Biconic
SRS1-439	SC/APC	Simplex	8	1x2	Fused Biconic
SRS1-440	SC/APC	Duplex	4	1x2	Fused Biconic
SRS1-441	SC/APC	Duplex	8	1x2	Fused Biconic
SRS1-442	SC/APC	Quad*	4	1x2	Fused Biconic
SRS1-443	SC/APC	Quad*	8	1x2	Fused Biconic
SRS1-444	SC/APC	Quad*	12	1x2	Fused Biconic
SRS1-445	SC/APC	Simplex	2	1x4	Planar Light Circuit
SRS1-446	SC/APC	Simplex	4	1x4	Planar Light Circuit
SRS1-447	SC/APC	Duplex	2	1x4	Planar Light Circuit
SRS1-448	SC/APC	Duplex	4	1x4	Planar Light Circuit
SRS1-449	SC/APC	Quad*	4	1x4	Planar Light Circuit
SRS1-450	SC/APC	Quad*	8	1x4	Planar Light Circuit
SRS1-451	SC/APC	Simplex	1	1x8	Planar Light Circuit
SRS1-452	SC/APC	Simplex	2	1x8	Planar Light Circuit
SRS1-453	SC/APC	Duplex	1	1x8	Planar Light Circuit
SRS1-454	SC/APC	Duplex	2	1x8	Planar Light Circuit
SRS1-455	SC/APC	Quad*	2	1x8	Planar Light Circuit
SRS1-456	SC/APC	Quad*	4	1x8	Planar Light Circuit
SRS1-457	SC/APC	Simplex	1	1x16	Planar Light Circuit
SRS1-458	SC/APC	Duplex	1	1x16	Planar Light Circuit
SRS1-459	SC/APC	Quad*	1	1x16	Planar Light Circuit
SRS1-460	SC/APC	Quad*	2	1x16	Planar Light Circuit
SRS1-461	SC/APC	Quad*	1	1x32	Planar Light Circuit
SRS1-462	ST	Simplex	4	1x2	Fused Biconic
SRS1-463	ST	Simplex	8	1x2	Fused Biconic
SRS1-464	ST	Simplex	2	1x4	Planar Light Circuit
SRS1-465	ST	Simplex	4	1x4	Planar Light Circuit
SRS1-466	ST	Simplex	1	1x8	Planar Light Circuit
SRS1-467	ST	Simplex	2	1x8	Planar Light Circuit
SRS1-468	ST	Simplex	1	1x16	Planar Light Circuit
SRS1-469	LC/UPC	Duplex	4	1x2	Fused Biconic
SRS1-470	LC/UPC	Duplex	8	1x2	Fused Biconic
SRS1-471	LC/UPC	Duplex	12	1x2	Fused Biconic
SRS1-472	LC/UPC	Quad*	4	1x2	Fused Biconic
SRS1-473	LC/UPC	Quad*	8	1x2	Fused Biconic
SRS1-474	LC/UPC	Quad*	12	1x2	Fused Biconic
SRS1-475	LC/UPC	Duplex	4	1x4	Planar Light Circuit
SRS1-476	LC/UPC	Duplex	8	1x4	Planar Light Circuit
SRS1-477	LC/UPC	Quad*	4	1x4	Planar Light Circuit
SRS1-478	LC/UPC	Quad*	8	1x4	Planar Light Circuit
SRS1-479	LC/UPC	Duplex	2	1x8	Planar Light Circuit
SRS1-480	LC/UPC	Duplex	4	1x8	Planar Light Circuit
SRS1-481	LC/UPC	Quad*	2	1x8	Planar Light Circuit
SRS1-482	LC/UPC	Quad*	4	1x8	Planar Light Circuit
SRS1-483	LC/UPC	Duplex	1	1x16	Planar Light Circuit
SRS1-484	LC/UPC	Duplex	2	1x16	Planar Light Circuit
SRS1-485	LC/UPC	Quad*	1	1x16	Planar Light Circuit
SRS1-486	LC/UPC	Quad*	2	1x16	Planar Light Circuit
SRS1-487	LC/UPC	Duplex	1	1x32	Planar Light Circuit
SRS1-488	LC/UPC	Quad*	1	1x32	Planar Light Circuit

Part number	Connector type	Adaptor type	No of Splitters	Splitter Size	Splitter Type
SRS1-489	LC/APC	Duplex	4	1x2	Fused Biconic
SRS1-490	LC/APC	Duplex	8	1x2	Fused Biconic
SRS1-491	LC/APC	Duplex	12	1x2	Fused Biconic
SRS1-492	LC/APC	Quad*	4	1x2	Fused Biconic
SRS1-493	LC/APC	Quad*	8	1x2	Fused Biconic
SRS1-494	LC/APC	Quad*	12	1x2	Fused Biconic
SRS1-495	LC/APC	Duplex	4	1x4	Planar Light Circuit
SRS1-496	LC/APC	Duplex	8	1x4	Planar Light Circuit
SRS1-497	LC/APC	Quad*	4	1x4	Planar Light Circuit
SRS1-498	LC/APC	Quad*	8	1x4	Planar Light Circuit
SRS1-499	LC/APC	Duplex	2	1x8	Planar Light Circuit
SRS1-500	LC/APC	Duplex	4	1x8	Planar Light Circuit
SRS1-501	LC/APC	Quad*	2	1x8	Planar Light Circuit
SRS1-502	LC/APC	Quad*	4	1x8	Planar Light Circuit
SRS1-503	LC/APC	Duplex	1	1x16	Planar Light Circuit
SRS1-504	LC/APC	Duplex	2	1x16	Planar Light Circuit
SRS1-505	LC/APC	Quad*	1	1x16	Planar Light Circuit
SRS1-506	LC/APC	Quad*	2	1x16	Planar Light Circuit
SRS1-507	LC/APC	Duplex	1	1x32	Planar Light Circuit
SRS1-508	LC/APC	Quad*	1	1x32	Planar Light Circuit
SRS1-509	E2/UPC	Simplex	4	1x2	Fused Biconic
SRS1-510	E2/UPC	Simplex	8	1x2	Fused Biconic
SRS1-511	E2/UPC	Simplex	2	1x4	Planar Light Circuit
SRS1-512	E2/UPC	Simplex	4	1x4	Planar Light Circuit
SRS1-513	E2/UPC	Simplex	1	1x8	Planar Light Circuit
SRS1-514	E2/UPC	Simplex	2	1x8	Planar Light Circuit
SRS1-515	E2/UPC	Simplex	1	1x16	Planar Light Circuit
SRS1-516	E2/APC	Simplex	4	1x2	Fused Biconic
SRS1-517	E2/APC	Simplex	8	1x2	Fused Biconic
SRS1-518	E2/APC	Simplex	2	1x4	Planar Light Circuit
SRS1-519	E2/APC	Simplex	4	1x4	Planar Light Circuit
SRS1-520	E2/APC	Simplex	1	1x8	Planar Light Circuit
SRS1-521	E2/APC	Simplex	2	1x8	Planar Light Circuit
SRS1-522	E2/APC	Simplex	1	1x16	Planar Light Circuit

Additional Items

ETSI Conversion Brackets.

ETSI conversion brackets enable the SRS3000 shelf to be installed into an ETSI rack. They are secured to the unit using four fixing screws.

Prysmian Part No. – XKTSC00171 Grey



Rear Mounting Bracket

The Rear Mounting Bracket is used to install an SRS3000 shelf into a rear mounted rack. The bracket simply bolts to the back of the SRS shelf and provides fixing holes for securing to a rear mounted 19" rack.

Prysmian Part No. – XSRSC00361



Connector Removal Tool

The connector removal tool is used to aid removal of SC connectors in applications where a 48 fibre shelf is used. In this application the connectors are close together and can be difficult to remove by hand. The removal tool allows the installer to remove the connector with ease.

Prysmian Part No. – XKTSC00286



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

© Prysmian Group 2014, All Rights Reserved.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed correct at the time of issue. Prysmian Group reserves the right to amend this specification without notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.