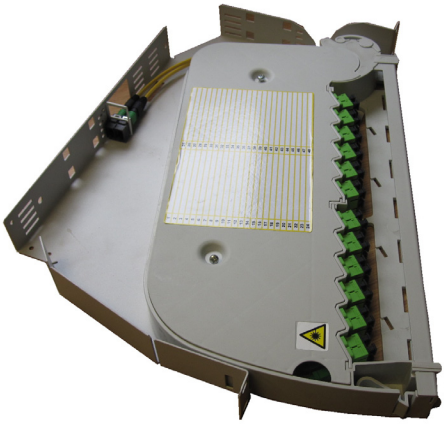
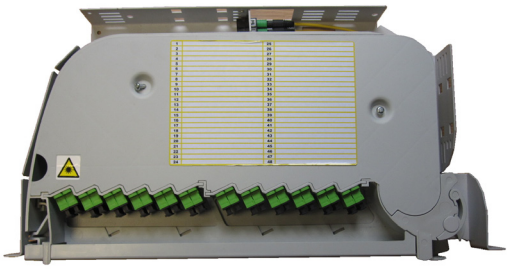
SRS3000 1U MPO/MTP Shelf

Prysmian Part Number: ***See table on following pages.***





The SRS3000 MPO/MTP Shelf is a modular pre-terminated patching shelf available in a variety of configurations for integration in to 19” and ETSI racks, street side or wall mounted cabinets. The product consists of a metal chassis, a plastic light weight patch module and a cable anchoring system. The product has a capacity of up to 48 adapters in a 1U unit for SC or LC connectors and is supplied with pre-installed MPO/MTP fan-outs, enabling rapid installation without the need of splicing, through simply connecting pre-terminated cables to the shelf.

Features and Benefits

- Eliminates the need for splicing. The shelf is supplied with pre-installed MPO or MTP fan-outs for simple connection using pre-terminated cables.
- The shelf can be supplied with up to four 12f MPO or MTP fan-outs pre-installed.
- High patch density of 48 adapters in SC or LC configurations.
- Suitable for installation into 19”/ ETSI / ANSI racks, wall mounted cabinets and street side cabinets.
- Patch module pivots outwards for easy fibre access and maintenance..
- The drop down front panel prevents accidental disconnection of patch-cords and provides additional space for patchcord routing during installations.
- All fibres are positively bend managed to a 30mm radius
- Supplied with a large cover label and front panel labels for easy identification and data recording.
- Patch bay is covered with a detachable lid (secured with two screws) to protect the fibres once installed.
- Can accommodate most cable types including blown fibre tube cables.

Note: for 48f 1U shelves a 2mm Patch-cord size should be used.

Ordering information

The SRS3000 MPO/MTP shelf can be ordered as a fully configured unit with up to four 12F MPO or MTP fan-outs pre-installed. See the following page for part numbers.

Additional Items - Optional

- ETSI Conversion Brackets
- Rear Mounting Brackets
- ARS Cable Anchor (additional)
- Patch-cords (see datasheet AC004)

Technical Data

- Max number of terminations: 48 – SC or LC
  4 x 12F MPO or MTP Fan-Outs
- Max number of output patchcords: 48 (2mm diameter patch cords)
- Max Cable Diameter: 14mm
- Required space envelope (mm): (w) 447 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 at 1310nm,1550nm and 1625nm
  - Dry heat: BS EN 60068-2-2 Test Bb
  - Damp heat: IEC 60068-2-3: 1969
  - Change of temperature: IEC 60068-2-14: 1984
  - Vibration: IEC 60068-2-6: 1995
  - Shock: IEC 60068-2-27: 1987

Logistics

- Pack Dimensions (mm): (w) 560 x (d) 290 x (h) 175
- Packed Weight (kg): 2.95
- Net weight (kg): 2.40

Part Numbers

The SRS3000 MPO/MTP Shelf is supplied with cable tie wraps, a patchcord bend manager and a rack fixing kit. MPO or MTP fan-outs and adapters are pre-installed by Prysmian. Please refer to the part number tables below. All shelf are supplied with G657A Single mode fibre. The part number table to the left is for MPO connectors and MTP part numbers are shown on the right.

MPO Input

Part number	Connector type	Adaptor type	No of Fibres
SRS1-600	SC/UPC	Simplex	12
SRS1-601	SC/UPC	Simplex	24
SRS1-602	SC/UPC	Quad	36
SRS1-603	SC/UPC	Quad	48
SRS1-604	SC/APC	Simplex	12
SRS1-605	SC/APC	Simplex	24
SRS1-606	SC/APC	Quad	36
SRS1-607	SC/APC	Quad	48
SRS1-608	LC/UPC	Duplex	12
SRS1-609	LC/UPC	Duplex	24
SRS1-610	LC/UPC	Duplex	36
SRS1-611	LC/UPC	Duplex	48
SRS1-612	LC/APC	Duplex	12
SRS1-613	LC/APC	Duplex	24
SRS1-614	LC/APC	Duplex	36
SRS1-615	LC/APC	Duplex	48

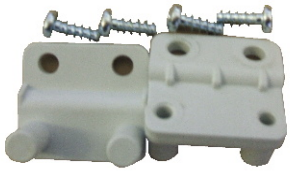
MTP Input

Part number	Connector type	Adaptor type	No of Fibres
SRS1-616	SC/UPC	Simplex	12
SRS1-617	SC/UPC	Simplex	24
SRS1-618	SC/UPC	Quad	36
SRS1-619	SC/UPC	Quad	48
SRS1-620	SC/APC	Simplex	12
SRS1-621	SC/APC	Simplex	24
SRS1-622	SC/APC	Quad	36
SRS1-623	SC/APC	Quad	48
SRS1-624	LC/UPC	Duplex	12
SRS1-625	LC/UPC	Duplex	24
SRS1-626	LC/UPC	Duplex	36
SRS1-627	LC/UPC	Duplex	48
SRS1-628	LC/APC	Duplex	12
SRS1-629	LC/APC	Duplex	24
SRS1-630	LC/APC	Duplex	36
SRS1-631	LC/APC	Duplex	48

Additional Items

ETSI Conversion Brackets.

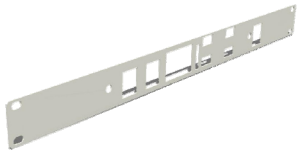
ETSI conversion brackets enable the SRS3000 shelf to be installed into an ETSI rack. They are secured to the unit using four fixing screws.



Prysmian Part No. – XKTSC00171 Grey

Rear Mounting Bracket

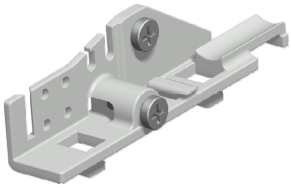
The Rear Mounting Bracket is used to install an SRS3000 shelf into a rear mounted rack. The bracket simply bolts to the back of the SRS shelf and provides fixing holes for securing to a rear mounted 19” rack. .



Prysmian Part No. – XSRSC00361

SRS - ARS Cable Anchor Kit

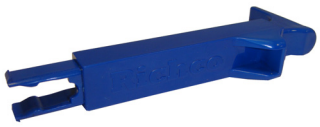
The ARS Cable Anchor kit is used to install an additional cable into an SRS3000 shelf. The kit enables a single cable to be anchored and for the fibres to be distributed onto the shelf. The ARS is suitable for cables between 12 and 48 fibres. Bend limiting routing tubes to protect the fibres being routed to the shelf are also supplied in the kit. The ARS also allows for the anchoring / termination of both the cable strength member and any Aramid with in the cable construction.



Prysmian Part No. – XSRSC00360

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

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