SC3000 Street Cabinet

Prysmian Part Numbers: *XSCSC00003*

The SC3000 Street Cabinet is a standard cabinet with 19″ mounting rails, used to accommodate a range of SRS3000 shelves and sub-racks or any other 19″ rack mounted products. The cabinet is 1200mm wide by 330mm in depth and 1300mm in height. The cabinet is supplied with two hinged doors. Cable brackets are supplied in the left hand side of the cabinet to enable a range of cable anchor brackets to be installed. Mandrels are supplied in the right hand side of the cabinet to manage and store patchcords. The cabinet can accommodate up to 18 off 1U shelves and can accommodate standard optical cables and blown fibre tube cables.

Features and Benefits

• The cabinet can accommodate the range of SRS3000 shelves and sub-racks or any other 19″ rack mounted products.

• SRS3000 shelves and sub-racks are available for Splicing Only, Patching Only, Splicing + Patching and Patchcord Storage. They can be supplied in 1U, 2U or 3U formats.

• Up to 18 single (1U) SRS3000 shelves can be accommodated in the cabinet providing a capacity of 864 fibres on a splice and patch basis.

• The cabinet is supplied fully configured with patchcord storage mandrels and cable anchor brackets.

• Fitted with cable gland plates in the left and right hand side of the cabinet. Cable entry glands available as required. See additional items.

• Cables are anchored and distributed in the left hand side of the cabinet using ARS and BEM cable anchors. See additional items for further information.

• Patchcord storage drums are supplied in the right hand side of the rack, for patchcord storage and bend management.

• The cabinet has a built in seal providing protection to IP54.

• Standard colour is RAL 7044. Other colours available on request.

• Fitted with a 300mm plinth with a front access panel to ease cable installation and routing.

Kit Contents

The SC3000 Cabinet is supplied fully assembled with doors, a rear panel, side panels, a sloped roof, a 300mm plinth with a front access door, a security handle fitted with a lock, mounting rails, cable anchor brackets and patchcord storage mandrels.

Additional Items Recommended

• SRS 3000 Splice and Patch Shelf

• SRS 3000 Patch Only Shelf

• SRS 3000 Splice Only Shelf

• SRS 3000 Patchcord Storage Shelf

• SRS 3000 Sub-Racks (2U and 3U)

• ARS Cable Anchor Bracket

• BEM Cable Anchor Bracket

• Cable Entry Glands

Technical Data

• Maximum Capacity: 18U (18 x SRS 3000 shelves 1U)

• Maximum Fibre Capacity: 864 (splice only, patch only and splicing + patching with SC and LC
connectors)

                             432 (patch only and splicing + patching with FC, ST and E2000 connectors)

• Required space envelope (mm):- (h) 1300 x (w) 1200 x (d) 330

• Material: Mild Steel

• Finish: Painted RAL 7044 (other colours available)

• Sealing: IP54

Logistics

• Packing Dimensions (mm): (h)1450 x (w)1350 x (d)600

• Packed Weight (Kg):   90

• Net Weight (Kg):   85

Additional Items

SRS3000 Splice Only Shelf

The SRS3000 Splice Only Shelf is used to splice internal cables directly to connectorised pigtails, or for cable to cable jointing. The shelf is 1U in height and can accommodate up to 48 splices. The shelf hinges outwards to provide access and the unit is compatible with blown fibre tuning.

Prysmian Part Numbers: See data sheet RM0018

SRS3000 Patch Only Shelf

The SRS3000 Patch Only Shelf is a 1U shelf allowing the connection of up to 48 fibre patches. The shelf can accommodate a variety of different connector types including FC, SC, LC, E2000 and ST. The shelf hinges outwards to provide access for installation.

Prysmian Part Numbers: See data sheet RM0019

SRS3000 Splice and Patch Shelf

The SRS3000 Splice and Patch Shelf is a 1U shelf allowing the connection of up to 48 fibres onto adapter panels. The shelf can accommodate a variety of connector types including FC, SC, LC, E2000 and ST. The shelf hinges outwards to provide access for installation.

Prysmian Part Numbers: See data sheet RM0014

SRS3000 Patchcord Storage Shelf

The SRS3000 Patchcord Storage Shelf is a 1U shelf allowing the storage of patchcords or patchcord over-length. The shelf can accommodate a variety of lengths depending on the number of patchcords to be installed. The shelf hinges outwards to provide access for installation.

Prysmian Part Numbers: See data sheet RM0020

SRS3000 Sub-Racks

As well as being supplied as 1U shelves, the SRS3000 Splice, Patch, Splice + Patch and Patchcord Storage modules can be supplied pre-installed into a sub-racks. Sub-racks are available in 2U and 3U heights. For further information refer to datasheet RM0015

Prysmian Part Numbers: See data sheet RM0015

Additional Items

Cable Entry Glands

Cable entry glands are used to seal the input and output cables into the cabinet. The cabinet is fitted with gland plates in the left and right hand side. The gland plates are drilled for the required gland.

Prysmian Part Nos.: -

XKTSC00287 – Cable diameter 9 to 17mm (pack of 10) – drill size 25mm
XKTSC00288 – Cable diameter 17 to 25mm (pack of 5) – drill size 32mm
XKTSC00289 – Cable diameter 22 to 32mm (pack of 5) – drill size 40mm
XKTSC00290 – Cable diameter 30 to 38mm (pack of 5) – drill size 50mm

SRS - ARS Cable Anchor

The ARS Cable Anchor kit is used to install an additional cable into an SRS3000 shelf, or into the cabinet for routing to a number of shelves. 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 Nos.: -   XSRSC00360 – ARS + 1.5m of bend limiting tube
XEXSC00962 – ARS + 10m of bend limiting tube
XEXSC00963 – ARS + 10m of RFH tube

BEM Cable Clamp

The BEM Cable Clamp is used to anchor the cable within the cabinet or to an SRS3000 Mounting Chassis and route the fibres onto the Modules. The BEM is suitable for cables between 36 and 192 fibres. 20 metres of routing tube is supplied with the BEM.

Prysmian Part Nos.:   XEXSC00960 – BEM + 20m of bend limiting tube
XEXSC00961 – BEM + 20m of RFH tube

Blown Fibre Manifold

The Blown Fibre Manifold is used to take up to 6 blown fibre tubes of 5mm in diameter onto one SRS3000 module. The manifold fits onto the back of the SRS3000 chassis and is supplied with a protective cover.

Prysmian Part No. – XKTSC00257

Drilling / Fixing Template

The Drilling / Fixing Template is used to mark out the drilling positions for mounting the cabinet. The template can also be used to keep the duct upright when waiting for the concrete to set.

Prysmian Part No. – XSCSC00004

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