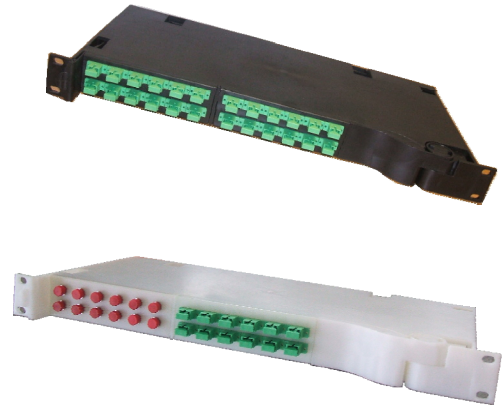
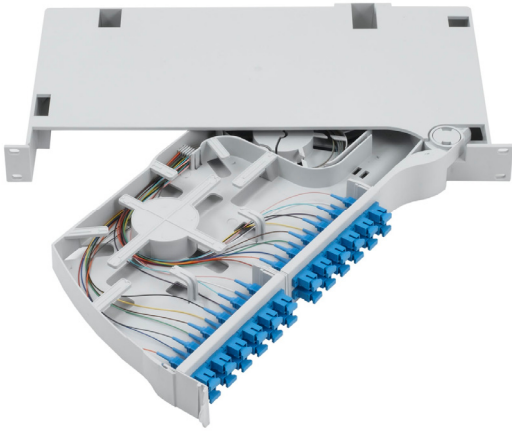


PSP Splice and Patch Shelf

Prysmian Part Numbers: See Table on page 3



Picture shows shelf fitted with one FC panel and one SC panel

The PSP splice and patch shelf is a low cost plastic 1U shelf designed for data market applications. The shelf allows the connection of up to 48 fibres on each unit and is compatible with 19" and ETSI racks. Cables enter at the rear of the shelf on the left hand side and pigtails exit the unit from the front face. The light weight product is easy to install and in built fibre management on the panel ensures that all installations are the same every time it is used which eliminates installation errors.

The shelf is supplied either empty, in kit format, or with the pigtails and adapters pre-installed.

Features and Benefits

- High density low cost compact design for up to 48 fibres.
- Compatible with SC, FC, E2000, LC, ST connector types.
- Cables anchor on the rear of the unit using a cable anchor plate supplied.
- Unit manufactured from high strength fire retardant plastic to give a light weight solution.
- Supplied either as an empty unit, in kit format (with pigtails and adapters in a bag) for installer loading, or with the pigtails and adapters pre-installed by Prysmian.
- All fibres are positively managed to a 30mm minimum bend radius.
- Shelf pivots out to for access to the splice tray and pigtail area.
- Shelf can be used as a patch only solution and allows excess cable lengths to be stored.
- Stackable splice bay allows for easy upgrade of splicing capacity.
- The shelf offers the ability to terminate up to 2 cables and allows through splicing of fibres.
- Compatible with Sirocco blown fibre cables using a Blown Fibre Manifold. The manifold enables up to 6 blown fibre tubes to be routed to a single shelf.
- Available in 2 colours – grey RAL 7035 and black.

Kit Contents

The PSP splice and patch shelf is supplied with all of the necessary equipment to terminate a single cable. Note, splice protectors are not included.

The shelf can be supplied empty, in a kit format (with pigtails and adapters in a bag), or with the pigtails and adapters installed at Prysmian.

Additional Items -Required

- Splice Protectors

Additional Items - Optional

- ARS Cable Bracket
- Adapters (see data sheet AC002)
- Pigtails (see data sheet AC003)
- Patch cords (see data sheet AC004)
- Crimp splice bay
- 19" ETSI Brackets
- Upgrade Kit
- Cage Nut Kit
- Blown Fibre Manifold

Technical Data

- No of splice trays: 1
- Maximum fibre capacity: 24 (ST, FC, E2000)
48 (SC, LC)
- Max. Cable Diameter (mm): 18
- Cable capacity: 2
- Required space envelope (mm): (w) 481 x (d) 230 x (h) 44
- Operating temperature: -20°C to + 50°C (5 to 95% RH)
- Material: High Impact Polystyrene (Fire Retardant)
- Colour: Light Grey RAL 7035 or Black
- Testing:
 - Optical: Tested at 1310nm and 1550nm
 - Dry heat: BS EN 60068-2-2 Test Bb
 - Damp heat: IEC 68-2-3
 - Change of temperature: IEC 68-2-14
 - Vibration: IEC 68-2-6
 - Shock: IEC 68-2-27

Pigtail Technical Data

Pigtails are supplied with either xx/UPC or xx/APC connectors.

xx/UPC connectors can be used in cases where xx/PC or xx/SPC connectors are required.

For technical data on the pigtails supplied refer to Prysmian data sheet AC003

Logistics

- Packing Dimensions (mm): (w) 530
(d) 330
(h) 80
- Packed Weight (kg): 1.3
- Net weight (kg): 1.1

Part Numbers

PSP shelf supplied empty (No cage nut or ETSI kits)

Connector	Adaptor style	Shelf Colour	Prysmian Part Number
SC/E2000	Simplex	Grey	XEXSC01364
SC/E2000	Simplex	Black	XEXSC01367
SC/E2000	Duplex	Grey	XEXSC01365
SC/E2000	Duplex	Black	XEXSC01368
SC	Double Duplex	Grey	XEXSC01540
SC	Double Duplex	Black	XEXSC01541
LC	Duplex	Grey	XEXSC01364
LC	Duplex	Black	XEXSC01367
LC	Quad	Grey	XEXSC01365
LC	Quad	Black	XEXSC01368
FC/ST	Simplex	Grey	XEXSC01366
FC/ST	Simplex	Black	XEXSC01369

Part Numbers continued

PSP with adaptors and pigtails supplied fully configured.

These panels will be loaded with adaptors and pigtails by Prysmian to the customers specific requirements. All of the panels below and on the following pages are supplied grey as standard.

Connector Type	Adaptor type	Fibre Count	Fibre type			
			Singlemode	MM 50/125 OM2	MM 62.5/125 OM1	MM 50/125 OM3
SC UPC	Simplex	12	XEXSC01039	Contact Prysmian	Contact Prysmian	Contact Prysmian
		24	XEXSC01311	Contact Prysmian	Contact Prysmian	Contact Prysmian
SC UPC	Duplex	12	XEXSC01116	XEXSC01150	XEXSC01152	XEXSC01154
		24	XEXSC01020	XEXSC01151	XEXSC01153	XEXSC01155
SC UPC	Double Duplex	48	XEXSC01530	XEXSC01532	XEXSC01533	XEXSC01534
SC APC	Simplex	12	XEXSC01040	Contact Prysmian	Contact Prysmian	Contact Prysmian
		24	XEXSC01046	Contact Prysmian	Contact Prysmian	Contact Prysmian
SC APC	Duplex	12	XEXSC01117	Contact Prysmian	Contact Prysmian	Contact Prysmian
		24	XEXSC01121	Contact Prysmian	Contact Prysmian	Contact Prysmian
SC APC	Double Duplex	48	XEXSC01531	Contact Prysmian	Contact Prysmian	Contact Prysmian
LC UPC	Duplex	24	XEXSC01043	XEXSC01178	XEXSC01180	XEXSC01182
		48	XEXSC01049	XEXSC01179	XEXSC01181	XEXSC01183
LC UPC	Quad	24	XEXSC01118	Contact Prysmian	Contact Prysmian	Contact Prysmian
		48	XEXSC01122	Contact Prysmian	Contact Prysmian	Contact Prysmian
LC APC	Duplex	24	XEXSC01044	Contact Prysmian	Contact Prysmian	Contact Prysmian
		48	XEXSC01050	Contact Prysmian	Contact Prysmian	Contact Prysmian
LC APC	Quad	24	XEXSC01119	Contact Prysmian	Contact Prysmian	Contact Prysmian
		48	XEXSC01123	Contact Prysmian	Contact Prysmian	Contact Prysmian
FC UPC	Simplex	12	XEXSC01041	Contact Prysmian	Contact Prysmian	Contact Prysmian
		24	XEXSC01047	Contact Prysmian	Contact Prysmian	Contact Prysmian
FC APC	Simplex	12	XEXSC01042	Contact Prysmian	Contact Prysmian	Contact Prysmian
		24	XEXSC01048	Contact Prysmian	Contact Prysmian	Contact Prysmian
ST	Simplex	12	Contact Prysmian	XEXSC01166	XEXSC01168	XEXSC01170
		24	Contact Prysmian	XEXSC01167	XEXSC01169	XEXSC01171

Part Numbers continued

Patch panel with adaptors and pigtails supplied as a Kit

These panels will be supplied with the panel, adaptors and pigtails as separate items for the installer to install.

Connector Type	Adaptor type	Fibre Count	Pigtail type			
			Singlemode	MM 50/125 OM2	MM 62.5/125 OM1	MM 50/125 OM3
SC UPC	Simplex	12	XEXSC01027	Contact Prysmian	Contact Prysmian	Contact Prysmian
		24	XEXSC01033	Contact Prysmian	Contact Prysmian	Contact Prysmian
SC UPC	Duplex	12	XEXSC01108	XEXSC01156	XEXSC01158	XEXSC01160
		24	XEXSC01112	XEXSC01157	XEXSC01159	XEXSC01161
SC UPC	Double Duplex	48	XEXSC01535	XEXSC01537	XEXSC01538	XEXSC01539
SC APC	Simplex	12	XEXSC01028	Contact Prysmian	Contact Prysmian	Contact Prysmian
		24	XEXSC01034	Contact Prysmian	Contact Prysmian	Contact Prysmian
SC APC	Duplex	12	XEXSC01109	Contact Prysmian	Contact Prysmian	Contact Prysmian
		24	XEXSC01113	Contact Prysmian	Contact Prysmian	Contact Prysmian
SC UPC	Double Duplex	48	XEXSC01536	Contact Prysmian	Contact Prysmian	Contact Prysmian
LC UPC	Duplex	24	XEXSC01031	XEXSC01184	XEXSC01186	XEXSC01188
		48	XEXSC01037	XEXSC01185	XEXSC01187	XEXSC01189
LC UPC	Quad	24	XEXSC01110	Contact Prysmian	Contact Prysmian	Contact Prysmian
		48	XEXSC01114	Contact Prysmian	Contact Prysmian	Contact Prysmian
LC APC	Duplex	24	XEXSC01032	Contact Prysmian	Contact Prysmian	Contact Prysmian
		48	XEXSC01038	Contact Prysmian	Contact Prysmian	Contact Prysmian
LC APC	Quad	24	XEXSC01111	Contact Prysmian	Contact Prysmian	Contact Prysmian
		48	XEXSC01115	Contact Prysmian	Contact Prysmian	Contact Prysmian
FC UPC	Simplex	12	XEXSC01029	Contact Prysmian	Contact Prysmian	Contact Prysmian
		24	XEXSC01035	Contact Prysmian	Contact Prysmian	Contact Prysmian
FC APC	Simplex	12	XEXSC01030	Contact Prysmian	Contact Prysmian	Contact Prysmian
		24	XEXSC01036	Contact Prysmian	Contact Prysmian	Contact Prysmian
ST	Simplex	12	Contact Prysmian	XEXSC01172	XEXSC01174	XEXSC01176
		24	Contact Prysmian	XEXSC01173	XEXSC01175	XEXSC01177

Additional Items - Required

Splice Protectors

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)

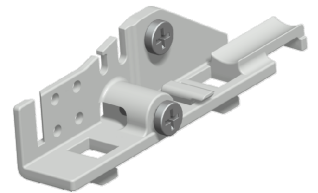


Additional Items - Optional

ARS Cable Anchor

The ARS Cable Clamp is used to anchor a single cable and to distribute up to 4 cable elements. The ARS is suitable for cables between 12 and 48 fibres. 1.5 metres of routing tube is supplied with the ARS. The ARS allows for the anchoring / termination of both the cable strength member and any Aramid with in the cable construction.

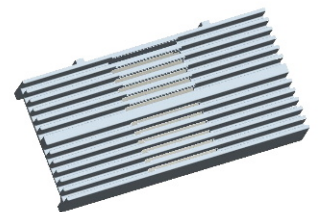
Prysmian Part No. - XEXSC01129



Pack of 10 Crimp Splice Protector Bay

The Crimp Splice Protector Bay is used to hold up to twelve crimp splice protectors. The splice bays can be stacked two high on the 24 Fibre Swing Our Splicing and Patching shelf to hold a total of twenty four crimp splice protectors.

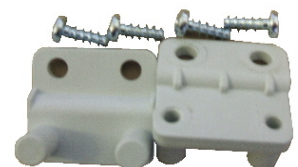
Prysmian Part No. - XKTSC00165



19" to ETSI conversion brackets

The 19" to ETSI conversion brackets are easy to install to enable the 19" panel fit an ETSI Rack.

Prysmian Part No. - XKTSC00171 Grey
- XKTSC00172 Black



Additional Items – Optional continued

Upgrade Kit

Upgrade kits are available for pre configured shelf's that have only been half populated or in cases where a change of connector style is required. The kits consist of an adaptor panel which can be either SC simplex, SC Duplex or FC and pigtails and adapters for the installer to configure. The SC and FC variants are supplied with 12 adaptors and 12 pigtails. The LC variants are supplied with 24 pigtails and either 6 x Quad adaptors or 12 x duplex adaptors as required.



Adaptor panel	Colour	Fibre type			
		Singlemode	OM1	OM2	OM3
SC/UPC SPX	Grey	XKTSC00174	XKTSC00183	XKTSC00184	XKTSC00185
SC/UPC SPX	Black	XKTSC00198	XKTSC00208	XKTSC00209	XKTSC00210
SC/UPC DPX	Grey	XKTSC00175	XKTSC00186	XKTSC00187	XKTSC00188
SC/UPC DPX	Black	XKTSC00200	XKTSC00211	XKTSC00212	XKTSC00213
SC/UPC Double DPX	Grey	XKTSC00337	XKTSC00338	XKTSC00339	XKTSC00340
SC/UPC Double DPX	Black	XKTSC00341	XKTSC00342	XKTSC00343	XKTSC00344
SC/APC SPX	Grey	XKTSC00173	Contact Prysmian	Contact Prysmian	Contact Prysmian
SC/APC SPX	Black	XKTSC00199	Contact Prysmian	Contact Prysmian	Contact Prysmian
SC/APC DPX	Grey	XKTSC00176	Contact Prysmian	Contact Prysmian	Contact Prysmian
SC/APC DPX	Black	XKTSC00201	Contact Prysmian	Contact Prysmian	Contact Prysmian
SC/APC Double DPX	Grey	XKTSC00345	Contact Prysmian	Contact Prysmian	Contact Prysmian
SC/APC Double DPX	Black	XKTSC00346	Contact Prysmian	Contact Prysmian	Contact Prysmian
FC/UPC	Grey	XKTSC00177	XKTSC00189	XKTSC00190	XKTSC00191
FC/UPC	Black	XKTSC00202	XKTSC00214	XKTSC00215	XKTSC00216
FC/APC	Grey	XKTSC00178	Contact Prysmian	Contact Prysmian	Contact Prysmian
FC/APC	Black	XKTSC00203	Contact Prysmian	Contact Prysmian	Contact Prysmian
LC/UPC DPX	Grey	XKTSC00179	XKTSC00192	XKTSC00193	XKTSC00194
LC/UPC DPX	Black	XKTSC00204	XKTSC00217	XKTSC00218	XKTSC00219
LC/UPC QUAD	Grey	XKTSC00181	XKTSC00195	XKTSC00196	XKTSC00197
LC/UPC QUAD	Black	XKTSC00206	XKTSC00220	XKTSC00221	XKTSC00222
LC/APC DPX	Grey	XKTSC00180	Contact Prysmian	Contact Prysmian	Contact Prysmian
LC/APC DPX	Black	XKTSC00205	Contact Prysmian	Contact Prysmian	Contact Prysmian
LC/APC QUAD	Grey	XKTSC00182	Contact Prysmian	Contact Prysmian	Contact Prysmian
LC/APC QUAD	Black	XKTSC00207	Contact Prysmian	Contact Prysmian	Contact Prysmian
ST	Grey	XKTSC00223	XKTSC00225	XKTSC00226	XKTSC00227
ST	Black	XKTSC00224	XKTSC00228	XKTSC00229	XKTSC00230

Additional Items – Optional continued

Rack Fixing Kit

The Rack Fixing kit consists of 4 cage nuts and 4 fixing screws to enable the PSP splice and patch shelf to be mounted into a 19" Rack.

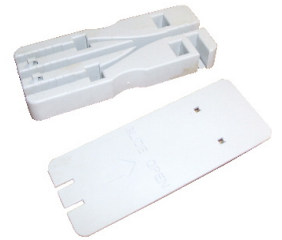
Prysmian Part No. – XKTSC00170



Blown Fibre Manifold

The blown fibre manifold is used to take up to 6 blown fibre tubes of 5mm in diameter onto one PSP shelf. The manifold fits onto the back of the PSP splice and patch shelf and is supplied with a protective cover.

Prysmian Part No. – XKTSC00257



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