

Large Internal/External Termination Box (up to 72f)

Prysmian Part Numbers: See page 3



The Large Internal / External Termination Box allows the connection of up to 72 fibres onto an adapter panel which is secured within the lockable wall box. The unit is supplied with up to 36 splice trays and 72 pigtails and adapters. A variety of connector types can be accommodated (SC, FC, ST, LC and E2000). Each splice tray accommodates 2 splices and pigtails for customer segregation, and the hinged adapter panel provides easy access to the splice trays. The box is fitted with a gasket to achieve a rating of IP66, which makes it suitable for both internal and external use.

Features and Benefits

- Provides the termination of an optical cable of up to 72 fibres onto an adapter panel. SC, FC, LC, E2000 and ST connectors can be accommodated.
- Supplied with up to 36 single circuit splice trays. The adapter panel hinges open to provide access to the splice trays. The box can be supplied with splice trays for either heat shrink or crimp splice protectors.
- Suitable for both internal and external use. The box is rated to IP66.
- The box has two cable entry ports and one exit ports for patchcords or cables.
- Input cables of up to 14mm in diameter can be accommodated. Input cables are secured and sealed into the box using cable glands.
- Output patchcords or cables exit the box through a plastic cable gland. The gland can be used to secure a 40mm corrugated tube. The corrugated tube is sold separately in lengths required by the customer. Please refer to addition items.
- Lockable to prevent unauthorised access.
- The unit is manufactured from UV resistant material for external use.

Kit Contents

The wall box is supplied complete with splice trays, adapters, pigtails, a lock, a sealing gasket and cable entry and exit kits.

Additional Items

- Splice Protectors
- Corrugated Tube

Technical Data

- Number of cable entries: 2 in, 1 x 40mm duct out
- Maximum cable diameter (mm): 14.0
- Maximum Capacity: 72 Fibres
- Maximum no. of customer feeds: 72
- Required space envelope (mm): (w) 400 x (h) 600 x (d) 200.
- Operating temperature: -20°C to + 50°C (5 to 95% RH)
- Sealing: IP66
- Material: -
 - Cover: Polycarbonate
 - Base: Polycarbonate
 - Splice Trays: PC ABS
- Finish:-
 - Cover: Grey RAL 73912
 - Base: Black
 - Splice trays: Grey RAL 7035
- Testing:-
 - Optical: Tested 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

- Packing Dimensions (mm): (w) 465 x (h) 655 x (d) 215
- Packed Weight (kg): 15.0
- Net weight (kg): 13.5

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

Part Numbers

Supplied with	Part Number	
	Heat Shrink Splice Protector	Crimp Splice Protector
48 x FC/UPC pigtails and adapters	XCPSC00725	XCPSC00747
48 x FC/APC pigtails and adapters	XCPSC00726	XCPSC00748
48 x SC/UPC pigtails and adapters	XCPSC00727	XCPSC00749
48 x SC/APC pigtails and adapters	XCPSC00728	XCPSC00750
48 x ST pigtails and adapters	XCPSC00729	XCPSC00751
48 x E2000/UPC pigtails and adapters	XCPSC00730	XCPSC00752
48 x E2000/APC pigtails and adapters	XCPSC00731	XCPSC00753
48 x LC/UPC pigtails and adapters	XCPSC00732	XCPSC00754
48 x LC/APC pigtails and adapters	XCPSC00733	XCPSC00755
No pigtails and adapters for FC and ST	XCPSC00734	XCPSC00756
No pigtails and adapters for SC, LC and E2000	XCPSC00735	XCPSC00757
72 x FC/UPC pigtails and adapters	XCPSC00736	XCPSC00758
72 x FC/APC pigtails and adapters	XCPSC00737	XCPSC00759
72 x SC/UPC pigtails and adapters	XCPSC00738	XCPSC00760
72 x SC/APC pigtails and adapters	XCPSC00739	XCPSC00761
72 x ST pigtails and adapters	XCPSC00740	XCPSC00762
72 x E2000/UPC pigtails and adapters	XCPSC00741	XCPSC00763
72 x E2000/APC pigtails and adapters	XCPSC00742	XCPSC00764
72 x LC/UPC pigtails and adapters	XCPSC00743	XCPSC00765
72 x LC/APC pigtails and adapters	XCPSC00744	XCPSC00766
No pigtails and adapters for FC and ST	XCPSC00745	XCPSC00767
No pigtails and adapters for SC, LC and E2000	XCPSC00746	XCPSC00768

Additional Items

Splice Protectors

Splice protectors are used to protect the fibre splice. They are 2.4mm in diameter and 45mm in length.

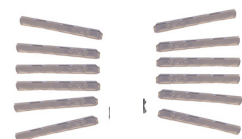
Prysmian Part No. - XPESC00031 (pack of 50)



Crimp Splice Protectors

Crimp Splice Protectors are used to protect the fibre splice. They are 1.3mm wide x 3.2mm high x 30mm long.

Prysmian Part No. - XKTSC00079 (pack of 12)
XKTSC00078 (pack of 50)



Additional Items continued

Corrugated Tube

Corrugated tube can be connected to the box and used to route and protect patchcords exiting the box. The tube is 40mm in diameter.

Prysmian Part Nos. *XCPSC00915 – 2 metres*
XCPSC00916 – 5 metres
XCPSC00917 – 10 metres



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

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