Ultra Compact Termination Box

Prysmian Part Number: *See Table Below*

The Ultra Compact Termination Box is designed for use in residential and business applications for the termination of up to two fibres. The wall box enables the installation of a small cable to be spliced to up to two SC pigtails (PC or APC), which connect to shuttered adapters at the base of the unit. The unit can be quickly installed within an office, house or communication room environment.

Features and Benefits

• Compact and attractive design for internal use.

• Ability to allow cables to enter from rear, bottom or top of the unit.

• All fibres are positively managed to maintain a 20mm minimum bend radius.

• Can be supplied with pre-installed G657A fibre pigtails.

• Flip tray to allow access to connectorised tails and cable entry.

• Removable cover for easy access.

• Unit manufactured from fire resistant UL94-V0 rated material.

• Patchcords exit unit on bottom face via shuttered SC adapters.

• Standard colour white RAL 9016. Other colours available on request.

• Ability to accommodate field mounted connectors by ordering the unit with just the adapter and no pigtails.

Kit Contents

The OAsys Ultra Compact Termination Box is supplied with wall fixings and cable ties. Pigtails and adaptors can be pre-installed or purchased separately for later expansion if single fibre option purchased. See part number tables.

Additional Items

• Splice Protectors.

Optional Items
(if required as separate items)

• Patch Chords (refer to data sheet AC004).

• Adapters.

• Pigtails.

Part Numbers

Supplied With	Part Number
1 SC/UPC adapter , no pigtail	XCPSC01064
1 SC/APC adapter, no pigtail	XCPSC00672
2 SC/UPC adapter, no pigtail	XCPSC01065
2 SC/APC adapter, no pigtail	XCPSC01066
1 SC/UPC pigtail and adapter	XCPSC00514
1 SC/APC pigtail and adapter	XCPSC00515
2 SC/UPC pigtails and adapters	XCPSC00516
2 SC/APC pigtails and adapters	XCPSC00517

Technical Data

- Number of input cable positions: 3
- Max input cable diameter (mm): 6mm
- Maximum Capacity: 2 Fibres
- Maximum no. of customer feeds: 2 Patchcords
- Required space envelope (mm): (l) 100 x (w) 80 x (d) 24
- Operating temperature: -40°C to + 70°C (5 to 95% RH)
- Material:-
  - Base: FR ABS, White RAL 9016
  - Cover: FR ABS, White RAL 9016
  - Splice tray: FR ABS, White RAL 9016
- Testing:-
  - Optical: Tested 1310,1550 & 1625nm
  - Transportation: FT/RD/RESA/09/11/213 – 3.3
  - Installation: FT/RD/RESA/09/11/213 – 3.4
  - Climatic Storage: FT/RD/RESA/09/11/213 – 3.8
  - Cover Resistance: FT/RD/RESA/09/11/213 – 3.10
  - Impact: FT/RD/RESA/09/11/213 – 3.8
  - Tensile: FT/RD/RESA/09/11/213 – 3.12
  - Torsion: FT/RD/RESA/09/11/213 – 3.13
  - Insertion Loss: FT/RD/RESA/09/11/213 – 3.14
  - Climatic Testing: FT/RD/RESA/09/11/213 – 3.15

Logistics

- Packing Dimensions (mm):(l) 110 x (w) 90 x (d) 35
- Packed Weight (kg): 0.080
- Net weight (kg): 0.073

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

Additional Items

Heatshrink Splice Protectors

Heatshrink 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)
            - XPESC00056 (pack of 12)

Mechanical Splices

Mechanical Splices are used to splice fibres together without the need of a fusion splicing machine. They are 4mm wide x 4mm tall and 40mm in length. An assembly tool and splice holder is required for installation. See Prysmian data sheet AC007 for further information on mechanical splices.

Prysmian Part No. – XKTSC00121 (pack of 50)
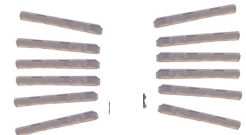
Additional Items continued

Crimp Splice Protectors

Crimp Splice Protectors are used to protect the fibre splice. They are 1.2mm wide x 3.2mm high x 30mm long. Crimp Splice Protector Holders are required in order to accommodate crimp splices in the termination box. See below.
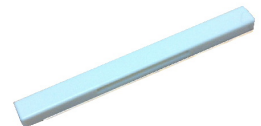
Prysmian Part No. – XKTSC00079 (pack of 12)
XKTSC00078 (pack of 50)

Crimp Splice Protector Holders

Crimp Splice Protector Holders are inserted into the box so that crimp splices can be accommodated. One holder is required for each splice.

Prysmian Part No. – XCPSC01550 (pack of 50)

Pigtails / Adapters

Description	Unit of Supply	SC/UPC	SC/APC
Shuttered Adapter – Simplex	Pack of 10	XPPSC00335	XPPSC00336
Pigtail – green – G657A1 fibre	Pack of 10	XPPSC00341	XPPSC00342

Patch Chords

For a selection of patchcords please refer to Prysmian data sheet AC004.

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