

Netcologne Wall Box

Prysmian Part Numbers: See Table on page 2



The Netcologne Wall Box is designed for use in residential, small and large businesses premises. The unit houses a single splice tray and allows fibres from external cables to be spliced to pigtails for connection to customer drop patch cords. The external cable enters from the bottom of the unit, with the customer drop cables (patch cords) exiting from the bottom of the unit or directly through the back of the box and through the wall. The box is also complete with a Netcologne logo.

Features and Benefits

- Termination Box can be mounted internally or externally.
- Sealed to IP55.
- Removable cover for easy access and fitted with a lock for enhanced security.
- Unit manufactured from UV stabilised fire resistant UL94-V0 material allowing external installation.
- Single hinged splice tray enables access for working. The splice tray is supplied interchangeable inserts and can accommodate up to 8 fusion splice protectors of heat shrink or crimp type, or 8 mechanical splices.
- Customer drop cables (patch cords) exit from the bottom of the unit and are sealed using a split grommet. Drop cables can also be routed through the wall.
- Up to 4 SC type pigtails and adapters or 8 LC type pigtails and adapters can be accommodated.
- All fibre are positively bend managed to a 30mm minimum bend radius.
- External input cable enters the unit from the bottom. Cable up to 11mm in diameter can be accommodated .
- For Blown Fibre applications a gas block connector can be housed within the box.
- A knock out is provided in the base of the unit for applications where the customer drop patch cords are required to be routed through the wall into the premises.

Kit Contents

The Netcologne Wall Box is supplied with one splice tray, Gas block connector, wall fixings, a cable entry grommet, installation instructions, 8 drop cable grommets, a lock and keys and pigtails and adapters where required.

Additional Items Required

- Splice protectors

Technical Data

- Number of Splice Trays: 1
- Maximum Fibre Capacity: 8
- Maximum Input Cable Diameter (mm): 11
- Maximum No. of Input Cables: 1
- IP Rating: 55
- Max Output Cable Diameter (mm): 3.2
- Maximum No. of Output Cables: 8
- Required space envelope (mm): (w) 140 x (h) 185 x (d) 32.
- Operating temperature: -20°C to + 50°C (5 to 95% RH)
- Material:-
 - External Box FR ABS Grey RAL 7030
 - Splice tray: FR ABS Light 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) 150 x (h) 195 x (d) 40
- Packed Weight (kg): 0.35
- Net weight (kg): 0.30

Part Numbers

Connector Type	Part Number
4 x LC/APC Pigtails and Adapters	XCPSC00357
5 x LC/APC Pigtails and Adapters	XCPSC00585
8 x LC/APC Pigtails and Adapters	XCPSC00359

Please note the following fibre sequences apply

4F – Red, Green, Blue, Yellow

5F – Red, Green, Blue, Yellow, White

8F – Red, Green, Blue, Yellow, White, Grey, Brown, Violet

Additional Items Required

Heat Shrink Splice Protectors

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

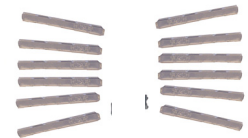
Prysmian Part No. – XPESC00054 (pack of 12)
XPESC00031 (pack of 50)



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)



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)



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