



4 Port Customer Connection Point XL / XT (CCP)

LC and SC Adaptors and Fibre Splice Tray

Application/Product Description

The Customer Connection Point (CCP) is used as a Building Entry Point (BEP) to provide a fibre termination and network demarcation point external to the connected premise in a Fibre to the Home (FTTH) network. It also presents a network test point outside of the customer location.

The CCP has high (IP68) sealing performance on all compression sealed ports and a compact design and can therefore be housed in a small subterranean access chamber (e.g.: "Toby Box") whilst protecting the fibre connection point from water or dirt contamination. Incoming and outgoing cables are sealed on the two short edges of the CCP using a quick twist lock sealing mechanism. An optional vent gauze feature prevents internal moisture condensation. The CCP can also be surface mounted to the wall with an optional sealed rear cable entry/ exit point enabling the drop cable to pass directly into the premises.

The CCP houses up to 2 SC simplex or LC duplex adaptors and has features to secure either 3A heatshrink or ANT mechanical splice protectors. Mechanical fixing is provided to secure the incoming cable strength member to provide strain relief. Internal positive fibre management maintains a minimum fibre bend radius of 30mm throughout. The snap fit fully removable lid enables quick clear access to the internal fibre for splicing and termination plus two additional tamper-proof locking mounts. Standard colour is black with other options available on request. The CCP enclosure can be supplied pre-loaded with fibre adaptors and pigtails as required.

An optional hinged fibre splice tray is available for the four-port CCP allowing complete segregation of the fibres. Up to 12 splice protectors, either 3A or ANT, can be accommodated where 4F, 8F or 12F Fibre units are being spliced in the CCP. A maximum of 2 x 4 x 7 x 60mm PLC splitter can also be secured to the splice tray and allows for 2 x 3A or ANT splices.

Technical Data

Dimensions (mm)	H	W	D
	188	94	28.5
Maximum number of adaptors	2 x SC Simplex or 2 x LC Duplex		
Maximum number of splices	2 (up to 45mm)		
Housing material	PC		
Colour	Black / White (Other colours available)		
Optional Splice Tray	12 x 3A/ANT Splices or 2 x 4 x 7 x 60mm PLC splitter + 2 x 3A/ANT splices		



Internal View showing Fibre Splice Tray with 3A Splice/Splitter Bridge



Closed External View



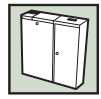
Position of LC / SC Adaptors



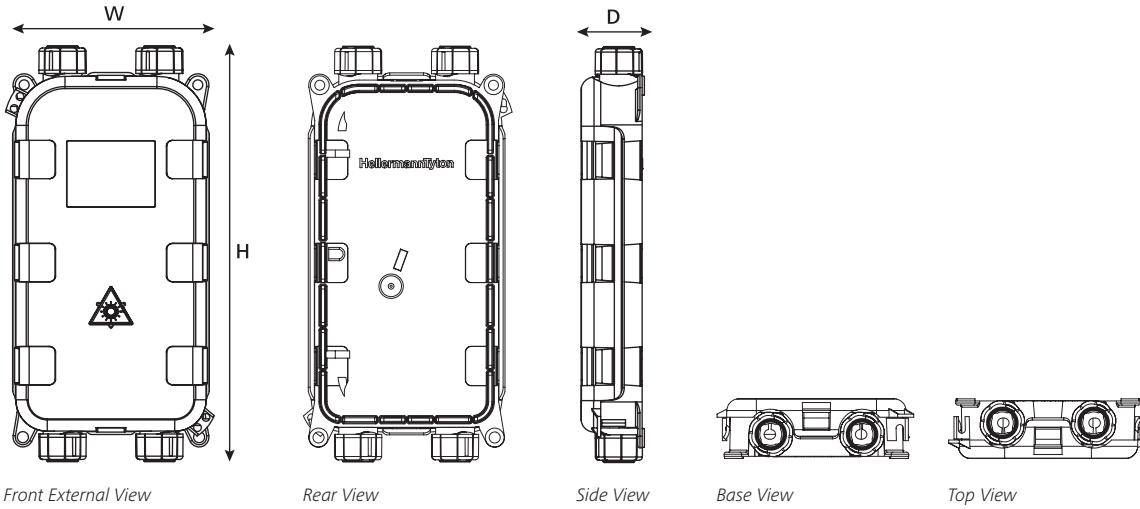
Tamper-proof locking mounts

Features and Benefits:

- IP68 sealing on all compression ports gives a high level of performance to prevent dirt and moisture ingress
- Bend radius managed through-the wall port with IP55 environmental sealing
- Optional vent gauze feature to prevent moisture condensation
- 5 sealed cable entry points, two at the base, two at the top and one in the rear of the enclosure
- Positive fibre management to enable the use of both ITU-T G.652.D or G.657.Ax single mode fibre types
- Minimum fibre bend radius of 30mm throughout
- Mounting for 2 off SC SX or LC DX connections
- Splice protector storage for 3A or ANT sleeves
- Mechanical fixing for cable strength member
- Optional hinged splice tray which will accommodate up to 12 x 250µm splices or 2 x 4 x 7 x 60mm PLC splitter and 2 x 3A or ANT splices.



Technical Diagrams



Front External View

Rear View

Side View

Base View

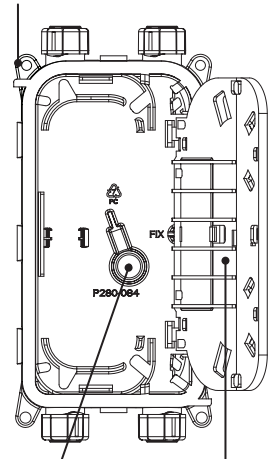
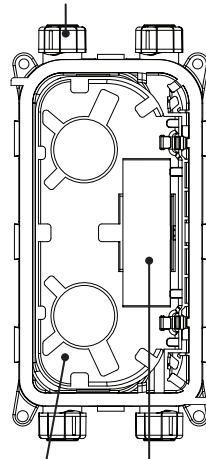
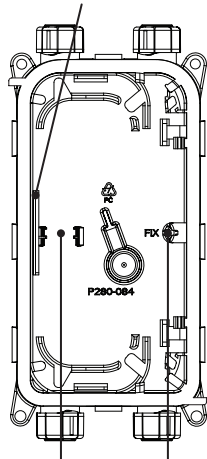
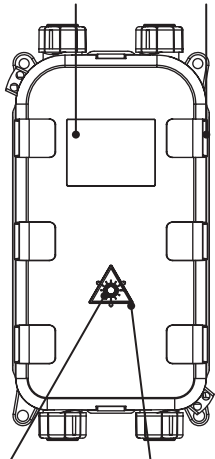
Top View

Inset for moulded customer logo
Snap fit removable lid

2 x Splice Protector Storage

Four IP68 Compression Ports

Tamper proof locking mounts



Laser warning label
Optional moisture vent gauze

2 LC / SC Adaptors
Mechanical fixing for cable strength member

30mm min. bend radius throughout
Position for 3A/ Splitter Bridge

IP55 through-the-wall port
Hinged Fibre Splice Tray

Front External View

Front Internal View showing position of LC/SC Adaptors

Front Internal View showing hinged fibre splice tray closed

Front Internal View showing hinged fibre splice tray open