



## 2 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 two-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

<b>Dimensions (mm)</b>	H	W	D
	176	94	28.5
<b>Maximum number of adaptors</b>	2 x SC Simplex or 2 x LC Duplex		
<b>Maximum number of splices</b>	2 (up to 45mm)		
<b>Housing material</b>	PC		
<b>Colour</b>	Black / White (Other colours available)		
<b>Optional Splice Tray</b>	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



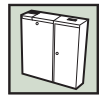
Position of LC / SC Adaptors



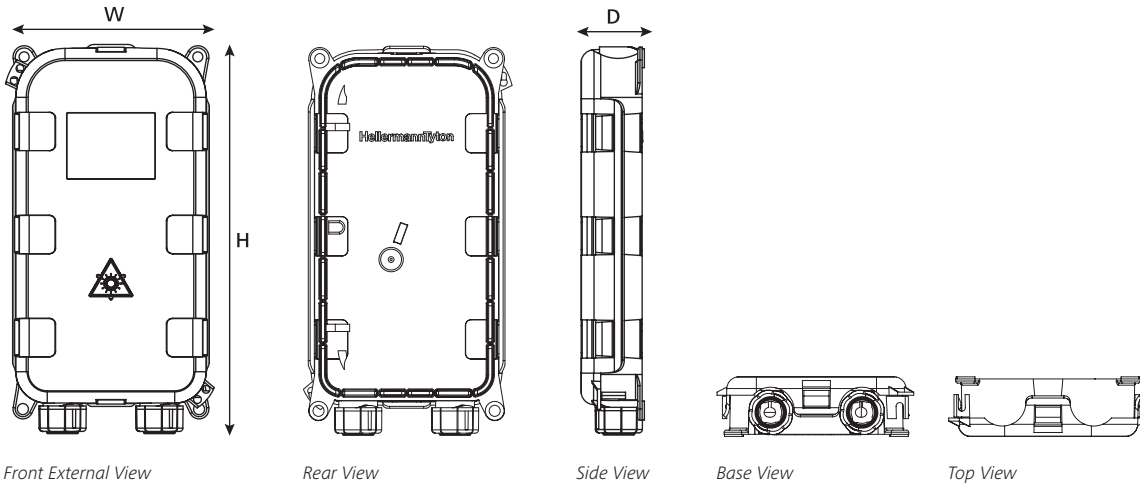
Tamper-proof locking mounts

#### 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
- 3 sealed cable entry points, two at the base 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

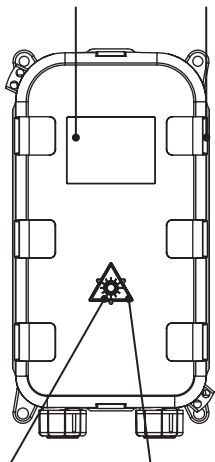
Rear View

Side View

Base View

Top View

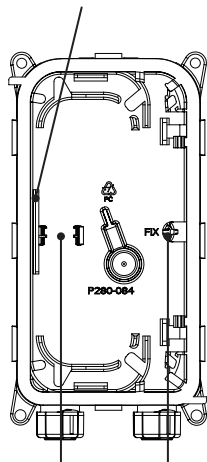
Inset for moulded customer logo  
Snap fit removable lid



Laser warning label  
Optional moisture vent gauze

Front External View

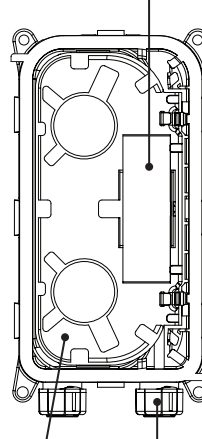
2 x Splice Protector Storage



2 LC / SC Adaptors  
Mechanical fixing for cable strength member

Front Internal View showing position of LC/SC Adaptors

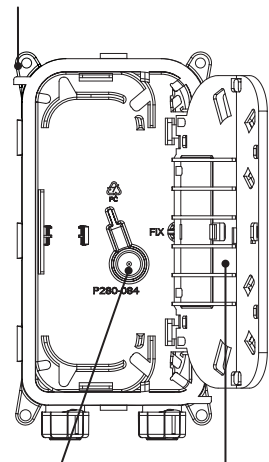
Position for 3A Splice/ Splitter Bridge



30mm min. bend radius throughout  
Two IP68 Compression Ports

Front Internal View showing hinged fibre splice tray closed

Tamper proof locking mounts



IP55 through-the-wall port  
Hinged Fibre Splice Tray

Front Internal View showing hinged fibre splice tray open