



Customer Connection Point (CCP)

LC and SC Adaptors

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 and a compact design and can therefore be housed in a small subterranean access chamber (eg: "Toby Box") whilst protecting the fibre connection point from water or dirt contamination. Incoming and outgoing cables are sealed at the base 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. 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.

Technical Data

Dimensions (mm)	H	W	D
	160.0	89.0	28.0
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		



Customer Connection Point



Internal View of Splice Solution

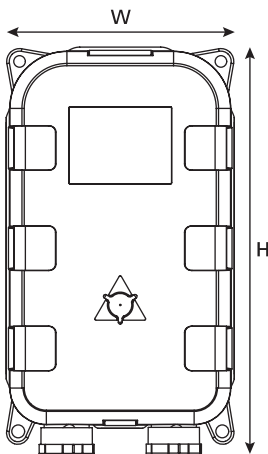


Internal View of Connectorised Solution

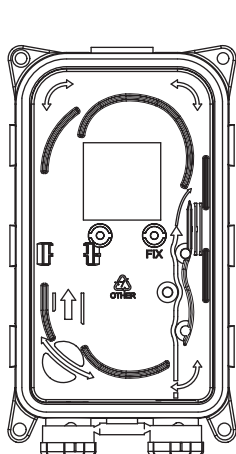
Features and Benefits:

- IP68 sealing gives a high level of performance to prevent dirt and moisture ingress
- 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 G652D or G657 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

Technical Diagrams



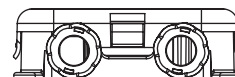
Front External View



Front Internal View



Side View



Base View