



Adding 1:4 splitter into CTB2

Product Overview

The CTB2 is a universal enclosure that has been developed for housing fibre connectivity. The versatile design gives the CTB2 the ability to accommodate a number of connectivity solutions, splice only, splice and patch and even splitter modules.

The box is a high quality ABS housing that can be supplied in a variety of colours. Internally the box can come equipped with either a plastic or metal module to accommodate fibre storage cable management.

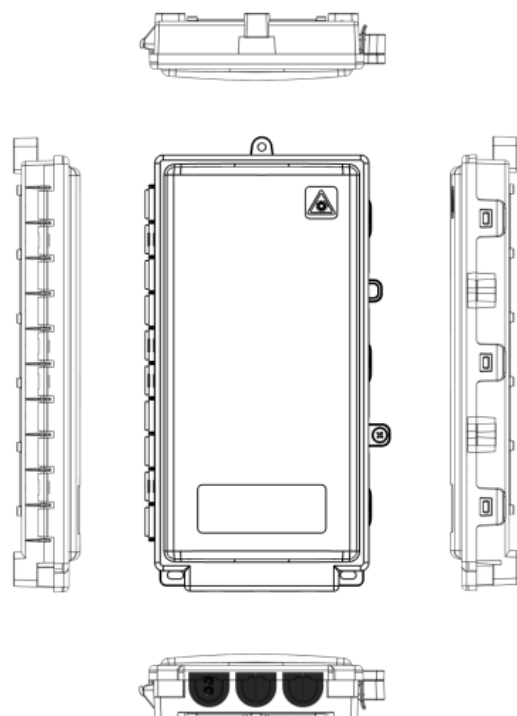
For splice only applications the CTB2 is supplied with an internal splice cassette with 48f splice capacity and midspan

Specifications

Dimensions	42mm D x 150mm W x 270mm H
Weight	Approximately 350g
Mounting	Mounting Wall & pole mounting - Screw fixtures or bracket
Material	ABS
Minimum bend radius	16mm (Max)

Features

- Robust / Impact resistant
- Cost effective
- UV stable
- Multifunctional
- V0 fire rated (Grey option for I/O)
- Future proof FTTx deployments
- MDU
- Demarcation point



This application note is used to add a 1:4 splitter into a CTB2 for a connectorised solution.

Ordering Information

Part number	Description
CFMDU-PS1F1-104-ALC-2-C60	SPLITTER PLC - 900um - A2 - 1x4 - ALC/ALC - 2m/60cm, Grade B

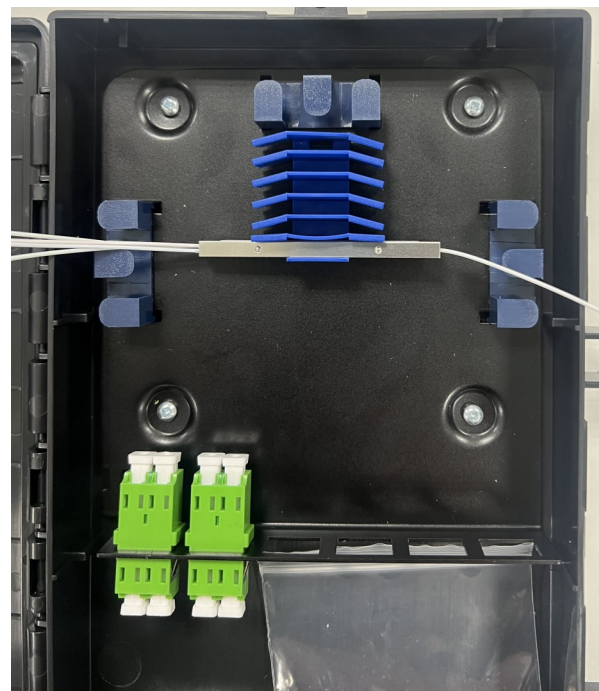
Note: Hexatronic accepts no liability to products modified in the field.

Build procedure

1. Open the existing CTB2 box.



2. Collect 1 x 1:4 connectorised splitter
3. Install the splitter into the bridge holder. Note the splitter tails orientation.



4. Start to dress the tails around as shown following the arrow.



5. Dress the tails away ready to install the connectors into the adapters.

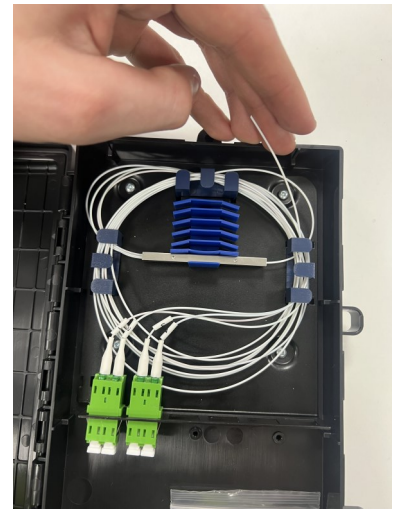


6. Remove the dust caps from the adapter and the splitter tail, then carefully install by plugging in till you hear the click. Repeat for each splitter tail.

Never touch the end faces when installing into the adapters.



7. Dress the fed tail for the splitter away as shown.



Quality checks

1. Are connectors fully installed?
2. Are the connector tails routed correctly?
3. Is the fed tail for the splitter installed correctly?
4. Make sure that there are no sharp bends on the fibre.



