FibreFlow™

EMU Box –

Emtelle Utility Box

<u>Outdoor</u>
72792 - Black with 4 x 3-8mm Double Port Seals
72793 - Black with 2 x 3-8mm Double Port Seals and 2 x 15mm Single Port Seals.
73194 – Grey with 2 x 3-8mm Double Port Seals and 2 x 15mm Single Port Seals.

<u>Indoor</u>
72857 – Cream (PP) with 4 x 3-8mm Double Port Seals
72858 – Cream (PP) with 2 x 3-8mm Double Port Seals and 2 x 15mm Single Port Seals
73176 – Cream (LFH) with 4 x 3-8mm Double Port Seals.
73177 – Cream (LFH) with 2 x 3-8mm Double Port Seals and 2 x 15mm Single Port Seals

Product Description

Emtelle have designed and constructed the EMU box to suit many requirements for FTTH and FTTP projects. It has been designed for bend insensitive fibre management and is versatile to give many different uses.
The EMU box is a compact multipurpose closure that can accommodate both patch connections and splices (Fusion and Mechanical).
The EMU boxes are also commonly used to breakout and distribute the fibres from Emtelle's Ø15mm RTRYVA solution.
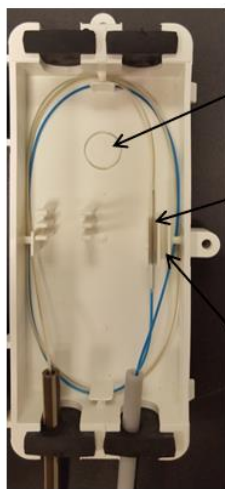
ENGAGE. LISTEN. INNOVATE. DELIVER.

Application

The IP68 rated closure can be stored within a customer boundary box or wall mounted and utilized as a network access point. The EMU box offers fibre storage management to house adequate fibre length for future connections.

Emtelle's Ø15mm RTRYVA products can be window cut and located within the closure where fibres can be spurred off for routing to the customer.

The multipurpose box can also be used as a connection, joint or repair closure.
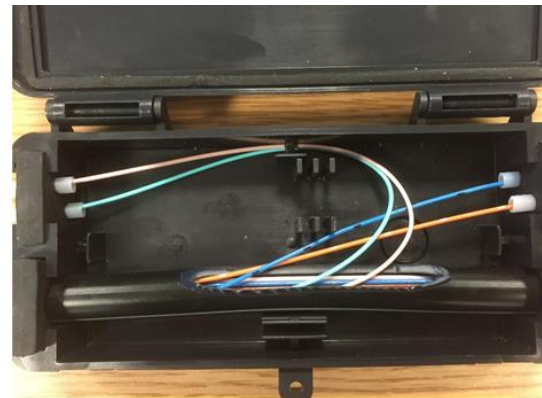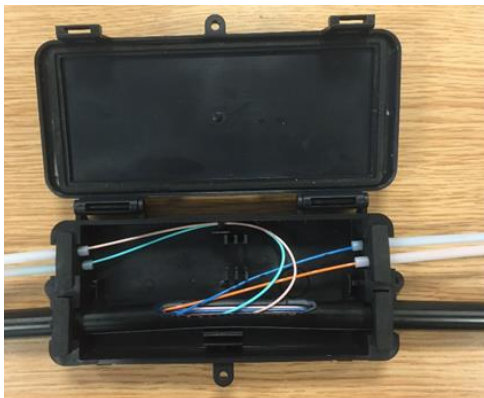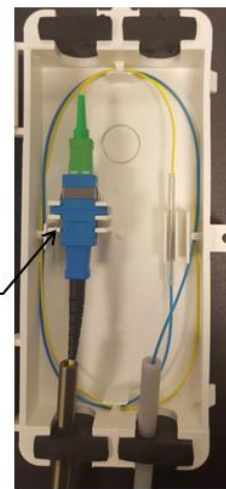
Splice Configuration

Knockout can be utilized for building entry

4 x Fusion splice holder

2 x Mechanical splice holder / Splitter

Splice and patch Configuration

Dual Stacked adaptor holder for 2 x SC connectors or 4 x LC connectors

- Emtelle Ø15mm RTRYVA with 24x2fu
- 4 drops
- Drop-tube can be any size between 3-8mm

ENGAGE.LISTEN.INNOVATE.DELIVER.

Features

- IP68
- Hinged lid with locking clips and 3 security screws.
- Wall mountable
- Knockout located within the closure for building entry (Not IP68 rated if knockout is used).
- Holders for up to 4 splices (2 x Mechanical or 4x Fusion) and a Fibre splitter
- Space for Fibre reflectors to be added
- Dual stack adaptor holder for 2 x SC connectors or 4 x LC Connectors or Fibre Splitter 1:4
- Entrance/exit ports at each end of closure
- 4 seals supplied per closure (Please see product codes)
- Seal sizes – Double port 3-8mm seals, Single Port 15mm seals. Other sizes may be available on request
- Fibre storage management
- External closures will be UV Resistant
- External boxes Can be Direct Buried (with sand surround to offer protection)

Material & Technical data

Dimensions	H x 31mm, W x 96mm, L x 193mm
Weight	Approximately 140 Grams
IP Rating	IP68 – to guarantee IP68 Seals need to be properly installed and locking screws need to be screwed down firmly.
Impact Resistance	(EN 62262) - IK07/08
Pull out	Double Port Seals - 20N Max
	15mm Single Port Seals - 40N Max
Material	External: Polypropylene, Reinforced with 30% Glass fibre. Fire retardant LFH material for Internal use available
Finish	Black or Cream, Other colours may be available on request.

Environmental

Operating temperature	-40° to 60° C

Packaging And Labelling

All products suitably packaged in recyclable materials and clearly labelled with Emtelle Product Code and Description where possible.

ENGAGE.LISTEN.INNOVATE.DELIVER.