# ⊛ EMTELLE
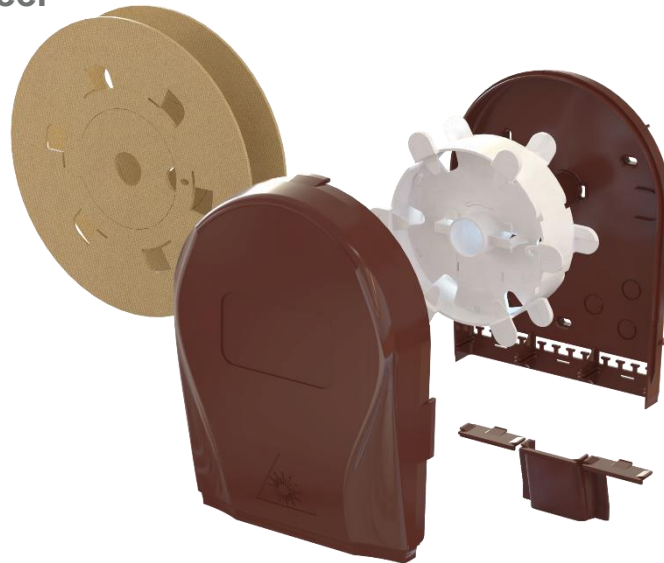
## UK_DS_External_Termination_Box

## FibreFlow™
### ETB with storage reel



## Product Description

The External Terminations Box (ETB) creates a unique network access point to the FTTH optical fibre network. The ETB houses a built-in spindle on which a plastic moulded cable dispenser reel / drum can be mounted. This significantly increases the reliability and speed of storing excess cable slack when engineers perform customer connections.

The ETB housing can accommodate microduct or conventional external trunking / capping and displays neatly against a property or boundary wall. It has various cable / microduct knock / drill out holes for improved flexibility. Cables / microducts can also be routed through 3 large openings (ports) at the bottom of the ETB housing.

The ETB's plastic reel is ideal for dispensing terminated optical fibre cables (typical 1mm FibreFast microcable). These reels can be factory fitted with up to 1000m of terminated cable with disposable cardboard flanges. The plastic real fits securely and neatly onto the ETB spindle eliminating unnecessarily / risky handling of any remaining optical fibre cable slack. The reel also features an inner compartment with duplex (LC) or simplex (SC / LC) flangeless optical adaptor mounts.

## Design Features

ETB enclosure



- ⊛  UV resistant enclosure housing available in 3 colours. (Grey, Brown, White)
- ⊛  3 x Large openings / ports at the bottom of the ETB housing.
- ⊛  Ports supplied with an entry shroud to seamlessly connect to external trunking.
- ⊛  Unique built in reel / drum spindle for managing plastic reel with cable slack.

ETB reel

- ⊛  Durable ABS plastic reel.
- ⊛  *Accommodates up to 100m of cable slack.
- ⊛  *Stores up to 1000m of terminated cable using interlocking cardboard flanges.
- ⊛  Inner reel compartment ideal for storing optical connectors. (protecting optical connectors during

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installation)

- ✳ Inner reel compartment features 2 mounting point (per side) for either SC or LC adaptors / couplers (simplex SC / LC and /or duplex LC)
- ✳ Fits flangeless adaptor type.

*Emtelles FibreFast microcable used for capacity calculations – enquire about our **FibreFast**[TM] microcable range or **QWKlink**[TM] terminated cables range.

## Application Notes

The Emtelle ETB can be used as a network demarcation point / Homes passed termination box. The ETB enclosure is a wall mountable enclosure that can be installed on the property boundary.

The enclosure can be fitted with the slack storage reel on day one or supplied empty – ready for cable installation with bespoke lengths of cable on the reels with cardboard flanges.

The reel can be removed completely or placed in 2 positions on the ETB's spindle;
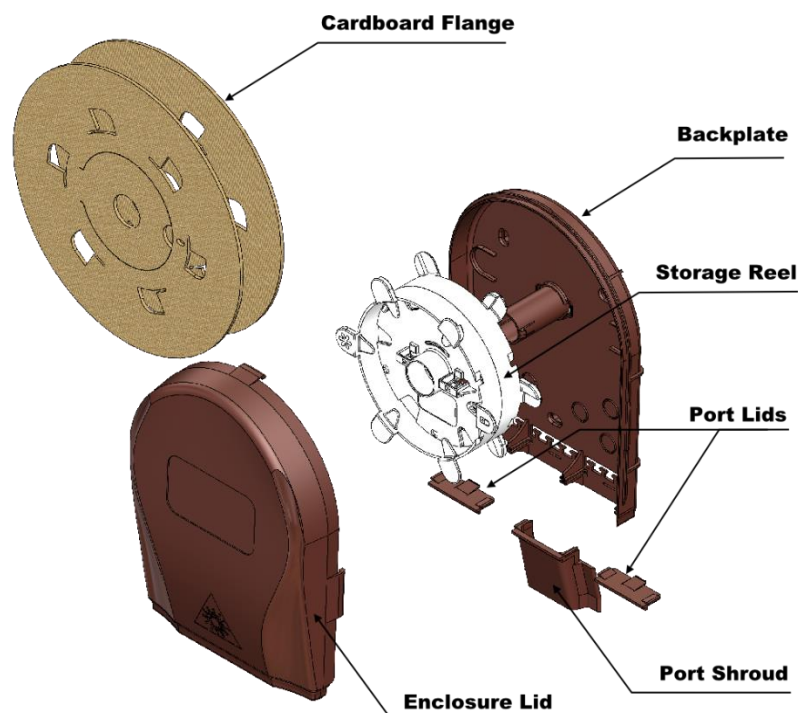
- Position 1: Outer Position – for winding on excess fibre.

- Position 2: Seated on Backplate – rotation locked for storage.

ETB works with existing external trunking or Emtelle universal drop tube (UDT) 5 – 8mm.

Emtelle QWKlink solution can be supplied onto ETB reel with cardboard flanges. (pre-terminated optical fibre cable)
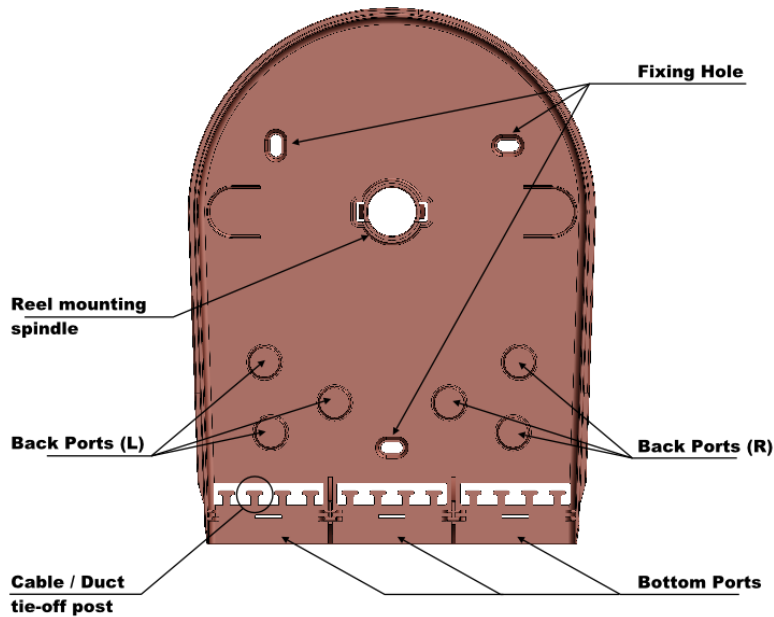
## Layout

**Full solution:**

# UK_DS_External_Termination_Box

**Back plate:**



## Specifications

**Dimensions:**

Enclosure:     245mm x 187mm x 67mm                    Reel:     164mm x 49.3mm
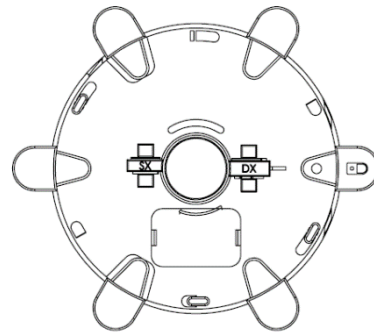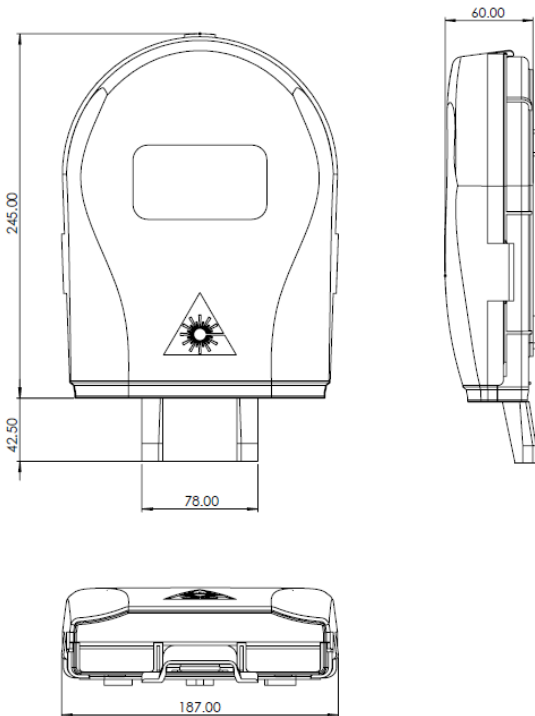


**Reel With cardboard flange:**

| | |
|---|---|
| Barrel diameter: | 130mm |
| Spindel diameter: | 27mm |
| Barrel width: | 40mm |
| Flange diameter: | 235mm |

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# UK_DS_External_Termination_Box

**Materials:**

| | |
|---|---|
| ETB enclosure | PP (Polypropylene UV) |
| Enclosure colours | Brown, White and Grey |
| Storage Reel | ABS (white) |

## Products

| Description | Emtelle Product Code |
|---|---|
| **External Termination Box - ETB - Grey** *(Empty - no reel)* | TBA |
| **External Termination Box - ETB - White** *(Empty - no reel)* | TBA |
| **External Termination Box - ETB - Brown** *(Empty -no reel)* | TBA |
| **External Termination Box - ETB - Grey** *(with inner reel)* | TBA |
| **External Termination Box - ETB - White** *(with inner reel)* | TBA |
| **External Termination Box - ETB - Brown** *(with inner reel)* | TBA |
| | |
| **ETB/ITB Reel (2 flanges and empty core)** *for Emtelle to make into Pre-term reels* | TBA |
| **ETB/ITB Reel (just empty core - not assembled)** *for fitting old reels onto new reels for ETB* | TBA |

Each ETB comes with 1 x Port Shroud and 2 x Port Lids.

## Packaging and Labelling

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

## END OF SPECIFICATION

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