



71735 – Emtelle Toby Box



Product Description

The Emtelle Toby Box is an underground storage box for housing Microducts and Splice enclosures. The Toby Box has a hinged lid, so that access can be made at any point in time. The Toby Box is located at the boundary to the customer during FTTX installations and is used as a demarcation point for FTTX 'Homes Passed' where the customer does not require an immediate FTTX connection or can be used as a future 'Maintenance point' similar to an access chamber. The Toby Box can be used to accommodate the end of a microduct (sealed) ready for future extension to the home, where a fibre is then blown along the total microduct length between the cabinet / splice enclosure and the home. The Toby Box can also be used for housing an IP65 or IP68 splice enclosure where the drop cable to the home can be spliced.

Application

The Toby box should be installed as close to the customer boundary / Pin Kerb as possible so that no further digging is required to access the customers property. The Toby box should be installed with adequate backfill materials and should comply with local installation rules and guidance. The Lid should open towards the customers home. Where possible, the Toby Box should be situated in a position where it can feed two homes from a central location (so 2 microducts can be installed into one Toby Box. Each microduct should be sealed with an End Cap. There is a metal washer installed into the lid of the Toby Box, so it can be traced, should the pavement be resurfaced with the Toby Box beneath.

Features

- Used as a demarcation point to convert 'Homes Passed' to 'Homes Connected'
- Accommodates Microduct & Duct sizes from 5mm to 54mm OD
- Narrow Design for Narrow Trenching
- Drainage holes in the base to prevent build-up of water / pooling
- Capable of housing 2 x Emtelle EMU (termination boxes).
- Enables angled drilling due to the long length of the lid and 'Radius'
- Toby box can be split in half to fit over existing cables
- Ribbed vertically and horizontally for strength and to set the box into concrete

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- The lid opens 180° to allow full access to the inside of the Toby Box
- The lid can be locked with one security screw (to be ordered separately)
- The product is 100% recyclable

Advantages

- Small and easy to install
- Space for fibre splicing and tube management
- Low cost compared to small manholes
- Lower installation cost
- Easy access after installation and in the future
- A maintenance point close to the customers premises
- UV protected for European conditions
- A visible point in the network
- Advertising (on lid) of the operator to get a fibre connection

Material & Technical data

Overall Dimensions (mm):	214 x 100 x 301 (LxWxD)
Material:	Polypropylene
Loading Specification:	BS5834 Pt2
Colour:	Black
Badge:	Plain or Customer Specified
Weight:	557g
Subscriber Count:	2 Microducts maximum
Internal Connection:	Emtelle EMU Box (x2, microduct connector (x2)
Traceability:	Metal disc included for traceability
Duct Diameters:	5mm – 54mm
Operating Temperatures:	-45° to 90° C
Supply Quantity:	360 units per pallet

Accessories

EMU Box – Emtelle Multi-Utility Box

- Ports can accommodate microducts from 3mm – 16mm
- Available in Black or Grey (UV protected for Europe)
- Customer name can be added to lid
- Easy to assemble
- Integrated Rubber sealing in the lid
- Designed to fit into the Emtelle Toby Box
- An IP68 splice box that can accommodate up to 6 fibre splices using 45mm miniature splice protectors

Dimensions:	H x 31mm, W x 96mm, L x 193mm
Weight:	140g
IP Rating:	IP68
Impact Resistance:	EN62262 – IK07/08
Retention Force:	Double Port: 20N - Single Port: 40N
Material:	Polypropylene + 30% glass fibre
Operating Temp:	-40° to +60° C



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Customer Lead-in

- A Modular Customer Lead-in system that can accommodate building entry from the Emtelle Toby Box into a home or business
- Grey or Black in Colour
- The base is designed to restrict access into the Toby Box
- Base can be customer branded
- Allows multiple high access into the home
- Low Profile and attractive in design



On top of Toby Box



Medium Installation Height



Medium Installation Height



8/10mm drop tube

8/10mm drop tube
High entry

Packaging and Labelling

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

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