

FTTH Footpath demarcation/Toby Box

Product Images



Product Description

The Toby Box is an underground storage box for housing Microducts and Splice enclosures and has a hinged lid, so that access can be made at any point in time.

It 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.

It 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 customer's property.

The Toby box should be installed with adequate backfill materials and should comply with local installation rules and guidance with the lid opening towards the customer's 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
- 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

Specifications

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