

MUC 315B

Underground chamber with an optical distribution box



The MUC 315B underground chamber offers a comprehensive fibre junction solution in the distribution points in FTx networks. The box is placed in diving bell in the chamber to prevent the access of underground water into the box. The chamber is designed for micro duct systems up to \varnothing 12mm.

■ Benefits

- Lid for load of up to 12,5t/m² (Optional accessory)
- Unauthorised access protection (Optional accessory)
- Quick opening and closing of the optical distribution box without the loss IP 68 protection
- 4x duct holders in the lower part
- Management of cable reserve
- Chamber base with 2 or 4 entries for cable protection tube \varnothing 110mm (Optional accessory)
- Maximum capacity 96 splices with box F-BOX 96S
- Maximum capacity 18x SC adaptors and 48 splices with box F-BOX 48S 18SC

■ Application

The chamber is intended to be used as distribution point in FTx networks. The unique bell-based solution makes it ideal for frequent opening and easy modifications of the optical distribution box without compromising the ingress protection IP 68. The chamber is designed for installation in trench in a sandy ground. The chamber is always supplied with F-BOX 96S or F-BOX 48S 18SC. Bushing system for the distribution box inside the chamber must be ordered separately depending on the required cable diameters.

■ Chamber description

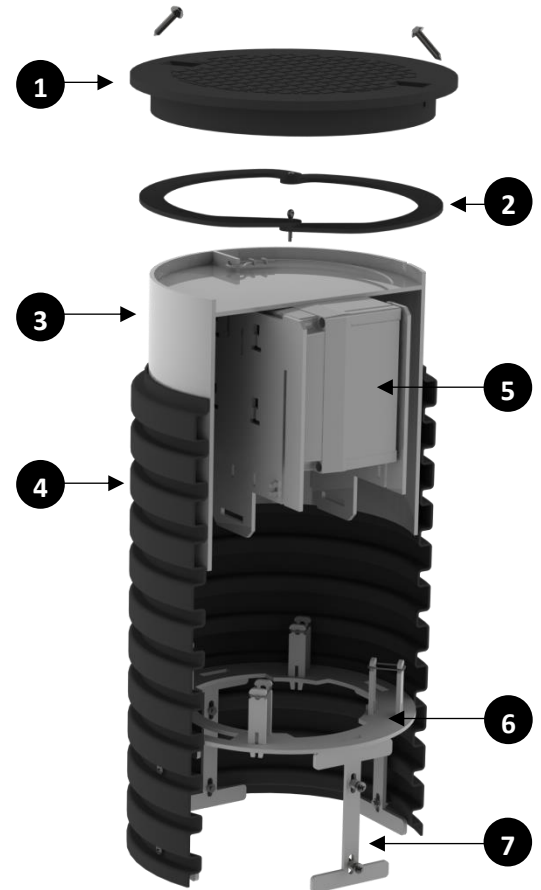
- 1) Lockable lid with bolts for load class A15 (1,5t/m²) for grass surfaces
- 2) Safety collar secures the bell against opening when the chamber is being
- 3) Bell creating an air pocket for the box (diving bell), The box incorporates a holder
- 4) Special corrugated body of the shaft which transfers external stress into the soil rather than into the chamber structure
- 5) Optical distribution box F-BOX 96S or F-BOX 48S 18SC.
- 6) Cable management holder, for cables diameters of up to \varnothing 5mm. Can be removed
- 7) 4x micro duct holder.

■ Lids for load-bearing class B125 (12,5t/m²)

For us on paved surfaces, pedestrian zones and parking lots.
For paved surfaces, angular lids are used, where as ribbed lids are used in asphalt surfaces.

■ Chamber base

Chamber can be extended at the bottom with two or four inputs. Unused inputs can be plugged. Further holes can be bored during the installation necessary.



Chamber MUC 315B





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■ Technical specifications

Inputs	Open bottom or according to chamber base
Dimensions	Inside Ø315, outside Ø400, height 580mm, height with base 720mm
Material:	Polypropylene, stainless steel
Colour	Black, grey
Protection class	IPX8 according to ČSN EN 60529
Weight	8 kg

■ Order codes

1	MUC 315B F-BOX 96S	85BF.30/0000F
2	MUC 315B F-BOX 48S 18SC	85BF.31/0000F
3	Chamber base straight 2x Ø 110mm	493924
4	Branching chamber base 4x Ø 110mm	493925
5	Cap for entry point Ø 110mm	493927
6	Plug for entry point Ø 110mm	493926
7	Cable protection tube 50m Ø 110mm	493949
8	Cable protection tube joint Ø 110mm	493950
9	Composite lid for interlocking pavement B 125 (12,5t/m ²)	493811
10	Composite lid for asphalt B 125 (12,5t/m ²)	493808
11	Security screws into the lid 2x + bit (torx type)	85BV.30/0000F
For more options please contact our sales team		

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