

I. Application

The Fiber Optic Distribution Cabinet is used as a fiber distribution point in outside-plant fiber optic access networks. The cabinet incorporates entries for micro ducts dedicated for air blown distributions cable and air blown customer cables

Cabinet features:

- IP 54, vandalism proof, anti-graffiti surface, fire retardant, 3-point lock, low weight.
- Top & Pedestal can separate be delivered, so that Pedestal can be installed together with the ducts and the top can be delivered separately- when installing & blowing the customers & distributions cables.
- Splicing of up to multiple customers- just changing the fiber splicing box so it fit to your demand for splices & customers and the cabinet so that it fits to the termination box
- A cable coil of 5-7 m of the distributions & customers cable allowing the fiber splicing boxes to be taken out of the street cabinet and into a service car for splicing and mounting the customers cables. Hereby making its possible for the “splicers” to work in **all weather conditions**.
- Single splice trays
- Possible to use up to 8 splitters in mini housings with 0.9 mm buffered fiber pigtails (4 splitters 1x32 and 4 splitters 1x8)
or
- up to 16 splitters in Mini Box housings with 0.25 mm fiber leads (e.g., 16 splitters 1x32)

II. Technical Specification

Type no.	Customized ...1008
Dimensions [mm] Width x Height x Depth	Customized
Maximum number of splices	Customized
Cable reserve length [m]	5-7
Maximum number of drop cables	Customized
Protection Rating	IP54

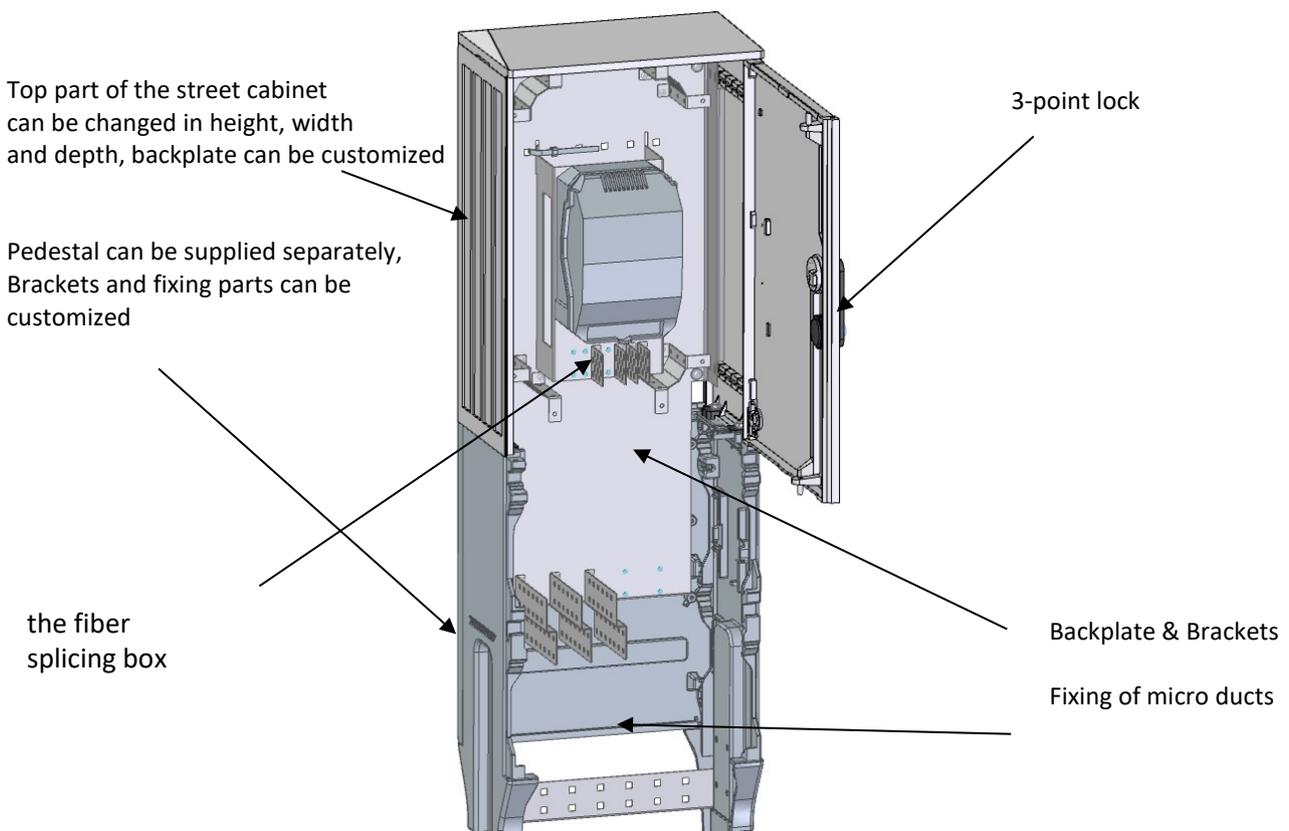
III. Cabling

1. Splice Box cabling
 - open the cabinet door
 - remove one releasable cable ties located above the Splice Box
 - lift the Splice Box and pull it towards the cabinet front
2. Micro ducts and micro cable installation in the cabinet
 - tilt the side latches of the front upper cover and take it off
 - gently lift the front lower cover and pull it towards the cabinet front to take it off
 - remove the spacer located at the level of the front lower cover

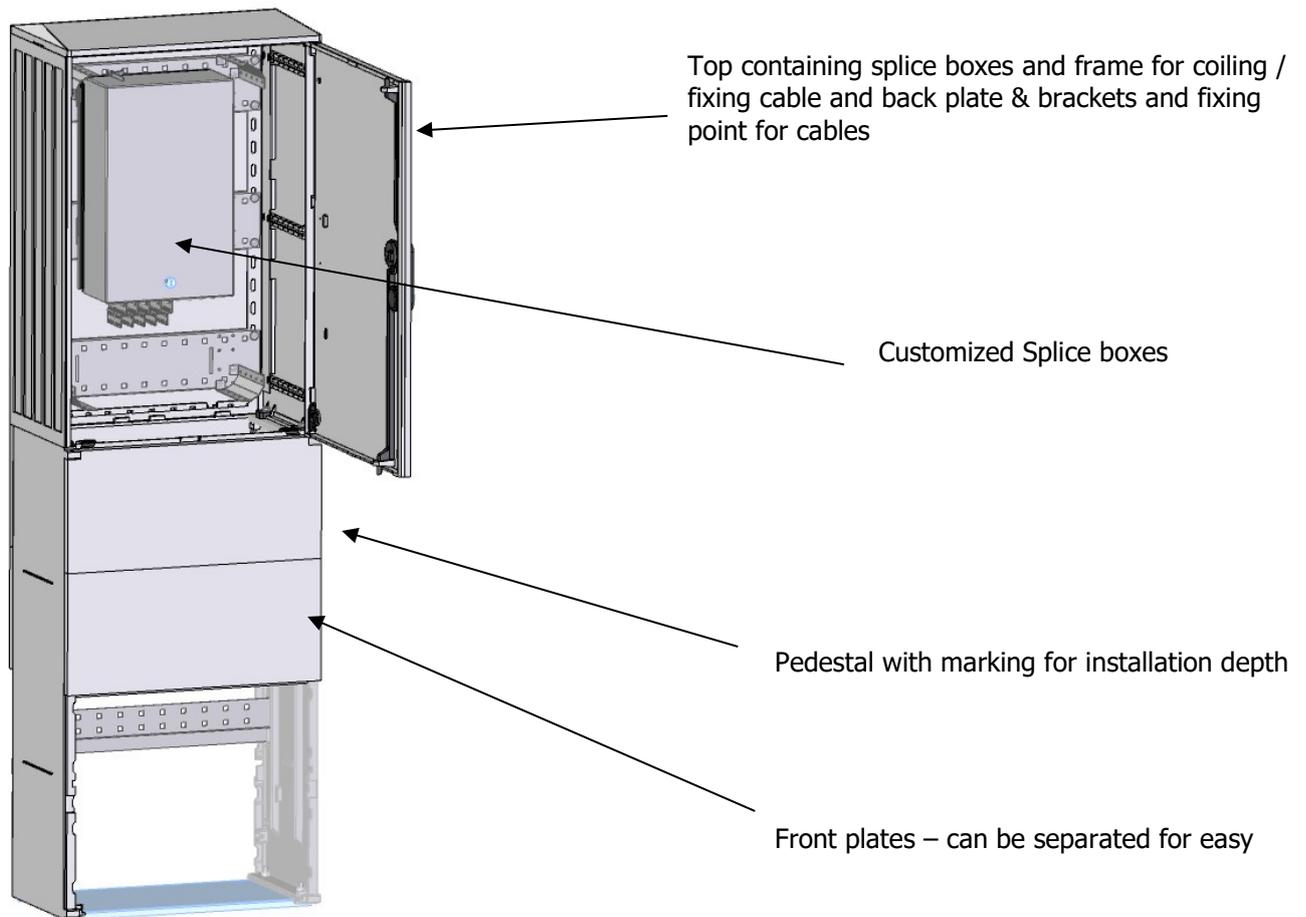
3. The cabinet accepts feeder cables and customer drop micro cables or fiber units and provides space for feeder cable loop storage, see Fig. 4.
4. Installation of Direct Bury 20/16, 14/10, 12/8, 7/4 mm micro ducts for blown feeder cables and customer drop micro cables or fiber units in the cabinet.
 - connect all micro ducts into the cabinet
 - The micro ducts should be staggered. The longest micro ducts should be placed closest to the cabinet rear wall. Their lengths from cable supports to the micro duct end should be about 25 cm. The length of micro ducts in subsequent rows, moving towards the interior of the cabinet, should be decremented by 5 cm.
 - fix micro ducts to the cable supports using cable ties (max 11 tubes on one cable support)
 - screw the next bracket on the right side of the previously installed one
 - fix the next micro ducts
 - if necessary, screw the next brackets and fix the next micro ducts

Below different customized street cabinets

For 24 customers



For 288 customers



For 1008 customers

