Fiber Distribution Hub – Wall Mount

Up to 64 Terminated Drops

Features

- For PON and P2P applications
- Accommodates air-blown fiber in microducts and fiber optic cables
- Supports cable mid-span
- Up to 64 terminated drops
- Up to 8 positions for mounting of splitters
- Small size and discrete design
- Heavy duty strong plastic material
- Tested according to IEC 61300
- Suitable for wall mounting

Application

The indoor Fiber Distribution Hub (FDH) for up to 64 end users is designed to handle fiber optic terminations and passive optical splitters in PON FTTx networks but can also be used for Point to Point (P2P) applications or combinations of the both.
The FDH is used as a demarcation point between the feeder network and the distribution network and provides quick and easy incremental installation of distribution cable terminations and fiber optic splitters. This unique product can handle both air blown fiber in microducts, micro cables as well as drop cables and other fiber optic cables. It can also be used as a medium sized fiber optic splice box for various applications.

Design

The closure is equipped with a connector panel for up to 64 end user connections and up to 16 feeder cable terminations. It includes 10 splice trays for fiber splicing. Each tray has 8 positions for splice protection sleeves. Each position can accommodate up to 2 single sleeves.
It is equipped with a lockable front door and a hinged mounting plate to facilitate installation. Cable entrances of "slide in" type are mounted at the top and bottom of the closure. This allows for quick and easy installation of virtually any type of cable or microduct. Splitter modules are available in different splitter ratios. Splitters and pigtails/fan-outs are ordered separately.

Product Information

The housing is made of Polycarbonate plastic giving excellent mechanical strength at a very low weight. Metallic parts are made of stainless steel. The rubber parts are made of EPDM.
All materials are RoHS approved.

Technical Information

Product Color	Light grey
IP Rating	IP54
Conformance	ROHS

Articles 6

Article name	Color	Dimensions [mm]	Weight [kg]
FDH ID 64 BASIC WITH KEYLOCK 1/NBD116200/1	Light grey	500 × 376 × 182	7.1
FDH ID 64 PREP SC/APC WITH KEYLOCK 1/NBD116200/2	Light grey	500 × 376 × 182	7.1
FDH ID 64 PREP SC WITH KEYLOCK 1/NBD116200/3	Light grey	500 × 376 × 182	7.46
FDH ID 64 PREP LC/APC WITH KEYLOCK 1/NBD116200/4	Light grey	500 × 376 × 182	7.3
FDH ID 64 PREP LC WITH KEYLOCK 1/NBD116200/5	Light grey	500 × 376 × 182	7.3
3mm duct organizer FDH kit SXA1139517/1	–	–	0.26