



Fiber Termination Enclosure

Up to 24 Terminated Drops

Features

- For PON and P2P applications
- Accommodates air-blown fiber in microducts and fiber optic cables
- Up to 24 terminated drops
- Supports cable mid-span
- Supports mounting of splitters
- Small size and discrete design
- Heavy duty strong plastic material
- Sealed according to IP 54
- Tested according to IEC 61300
- Suitable for wall or pole mounting

Application

The 1/NCD507200 is a Fiber Access Terminal (FAT) for indoor applications for up to 24 end user connections. The FAT is optimized for all FTTx architectures such as Passive Optical Networks (PON) and Point to Point (P2P) networks. The FAT is used as a demarcation point between the distribution network and the drop network and provides quick and easy incremental installation of end user drops. This unique closure 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 fiber optic splice box for various splicing applications.

Design

The product is equipped with a connector panel for up to 24 connectors and 4 splice trays for fiber splicing. Each tray has 8 positions for splice protection sleeves. Each position can accommodate up to 2 single sleeves. The trays can also be used for mounting of fiber optic splitters for distributed split architectures.

A lockable front door and a hinged mounting plate facilitate installation. Cable entrances of "slide in" type are mounted at the bottom of the closure. This allows for quick and easy installation of virtually any type of cable or microduct.

Product Information



The housing is made of Polycarbonate plastic giving excellent mechanical strength at a very low

weight. Metallic parts such as screws, microduct and cable holders etc. are made of stainless steel.

The cable inlet seals and other rubber parts are of EPDM.

All materials are RoHS approved.

The cabinet includes slide-in holders for 5 mm microducts or cables. Holders for 3 mm microducts or slim cables are available as accessories.

Technical Information

| | |
|----------------------|-------------------|
| Product Color | Light grey |
| IP Rating | IP54 |
| Conformance | IEC 61300 ROHS |

Articles 4

| Article name | Color | Dimensions [mm] | Weight [kg] |
|--|------------|-----------------|-------------|
| FAT ID 24 BASIC 1/NCD507200/1 | Light grey | 368 × 275 × 114 | 3.1 |
| FAT ID 24 PREP SC/APC 1/NCD507200/2 | Light grey | 368 × 275 × 114 | 3.2 |
| FAT ID 48 PREP LC/APC 1/NCD507200/3 | Light grey | 368 × 275 × 114 | 3.2 |
| 3mm duct organizer FAT 24 SXA1139518/1 | — | — | 0.19 |