FAT Jointing Cabinet, large, NCD 518 8003

Fiber Access Terminal

Data Sheet

Features

- IP45 Indoor, Wall & Rack mountable
- 384 fibers / 192 Microducts
- 28 multiduct / 8 cable inlets
- Lockable and foldable door forming an installation work table
- Front serviced

Application

This **larger** sized cabinet is intended for fiber splicing and termination of up to 192 microducts (subscribers). This is appropriate for example when changing from distributed Ribbonet® Air Blown Fiber to fiber optical cables, or to other ducts for further fiber blowing. The supplied fiber organizers can easily handle 384 fibers (typically), see table below for capacity details. The cabinet is also excellent for jointing cables to cables indoor.

Design

The cabinet is designed for indoor use according to IP 45 but can be fitted conveniently in outdoor enclosures. It is designed for wall mounting, but also fits in 19" or ETSI racks. Cable / duct entrances are supplied with rubber gaskets. The cabinet is painted in coral white color and delivered with micro-duct and fiber organizers, fiber labels and 2 keys to the lockable doors.

There are two additional sizes of cabinets within this Joining Cabinet family. NCD 518 8002 "small" with up to 48 microducts (subscribers) and NCD 518 8004 "medium" up to 96 microducts (see separate data sheets).

Ordering information

NCD 518 8003 Fiber Jointing Cabinet, large

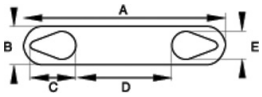
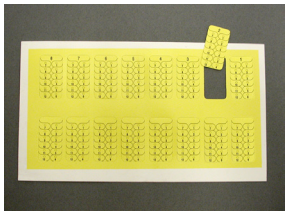
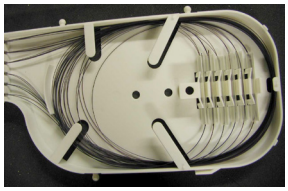
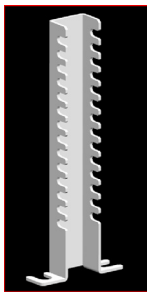
Specifications

Description	Number	Comment
Microduct organizers	16	14 positions
Fiber organizers*	24	6 sleeve pos./org.
Multiduct inlets top	28	28 mm
Cable inlets	8 x	28 mm, mid-span
Size l x d x h	44x22x60	cm
Weight	15	Kg

* Number of splice protection sleeve layers per position:
1-4 layers for 1fiber protection sleeve
1-2 layers for ribbon protection sleeve

* Max size length of protection sleeves allowed by this fiber organizer is 45 mm

Asseccories

Product no.	Denomination / Comment	Layout
Additional marking kits		
SXA 113 5850 / 5 SXA 113 5850 / 6 SXA 113 5850 / 7 SXA 113 5850 / 8	Label kits intended for marking of the EPFU indicating fiber unit or ribbon number between the micro-ducts and splice point (cabinet or ODF). Numbered 01-48 + 12 blanks Numbered 49-96 + 12 blanks Numbered 97-144 + 12 blanks Numbered 145-192 + 12 blanks	
Additional marking kits for ribbon or Fiber Units		
SXA 113 5851 / 1	These label kits are mainly intended for labelling and organizing individual ribbon or smaller Fiber Units between the duct or cable side to the splice point (cabinet or splice-box). Numbered 1-8 + 8 blanks (for organizer) a.	
Additional Fiber organizers		
NBL 5041000	The organizer has 6 positions for splices protection sleeves (max length 45 mm). and 6 entrance inlets for fiber-units.	
4 x 3mm duct holder NCD 518		
SXA 113 9515/1	4 x 3mm Duct holder NCD518 FAT The 3mm duct holders should be used with 3mm duct system. Each holder has 14 duct positions	
Splice Protection Sleeves		
NTA 162 12/72 NTA 162 12 /41	100 x Splice sleeve 1f, l=40mm 50 x Splice sleeve 2-8 f, l=40mm (ribbon)	

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