

FAT Jointing Cabinet, Large – NCD 518 8003

Fiber Access Terminal



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).



FAT Jointing Cabinet, Large – NCD 518 8003

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 1 fiber protection sleeve

1-2 layers for ribbon protection sleeve

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

Ordering Information

PRODUCT NUMBER	DESCRIPTION
NCD 518 8003	Fiber Jointing Cabinet, large

Accessories

	TYPE	PRODUCT NUMBER	DENOMINATION / COMMENT
	Additional marking kits	SXA 113 5850 / 5 SXA 113 5850 / 6 SXA 113 5850 / 7 SXA 113 5850 / 8	Numbered 01-48 + 12 blanks Numbered 49-96 + 12 blanks Numbered 97-144 + 12 blanks Numbered 145-192 + 12 blanks Label kits intended for marking of the EPFU indicating fiber unit or ribbon number between the micro-ducts and splice point (cabinet or ODF)
	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)
	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 3 mm Duct holder NCD518 FAT	SXA 113 9515/1	The 3 mm duct holders should be used with 3 mm 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)