

FAT Jointing Cabinet, Medium – NCD 518 8004/2, 3

Fiber Access Terminal



Features

- IP45 Indoor, Wall & Rack mountable
- 192 fibers / 96 Microducts
- 14 multiduct / 5 cable inlets
- Lockable and foldable door forming an installation work table
- Front serviced
- Two different fiber organizer options

Application

This medium sized cabinet is intended for fiber splicing and termination of up to 96 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. There are two cabinet choices with different fiber organizers, depending on fiber division structure and splice position need (i.e. if space is required for PON splitters). The fiber organizers can handle 192 fibers (typically) depending on splice case, see table below for capacity and configuration 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 microduct and fiber organizers, fiber labels and 2 keys to the lockable doors.

There are two additional sizes of cabinets within this Jointing Cabinet family: NCD 518 8002 small with up to 48 microducts (subscribers) and NCD 518 8003 "large" with up to 192 microducts. See separate data sheets.



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Specifications

NCD 518 8004/2 Fiber Jointing Cabinet

DESCRIPTION	NUMBER	COMMENT
Duct organizers	8	14 positions
Fiber organizers*	4 (+2)	9 sleeve pos./org.
Multiduct inlets, top	14	10x28 + 4x37mm
Cable inlets, bottom	5	28 mm, mid-span
Size l x d x h	44x16x30	cm
Weight	7	Kg

* Number of splice protection sleeve layers per position:

1-4 layers for 1fiber protection sleeve

1-2 layers for ribbon protection sleeve

4 organizers included, 2 additional organizers (optional) are needed for a capacity of up to 192 individual splices if not spliced as ribbons.



NCD 518 8004/3 Fiber Jointing Cabinet

DESCRIPTION	NUMBER	COMMENT
Duct organizers	8	14 positions
Fiber organizers*	8	6 sleeve pos./org.
Multiduct inlets, top	14	28 mm
Cable inlets below	5	28 mm, mid-span
Size l x d x h	44x16x30	cm
Weight	7	Kg

* Number of splice protection sleeve layers per position:

1-3 layers for 1fiber protection sleeve

1-2 layers for ribbon protection sleeve





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Ordering Information

PRODUCT NUMBER	TYPE
NCD 518 8004/2	Fiber Jointing Cabinet (4 org)
NCD 518 8004/3	Fiber Jointing Cabinet (8 org)

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 ABF units indicating fiber unit or ribbon number between the microducts 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 for NCD518 8004/2	NBL 504506 (2 pcs / package)	The organizer has 9 positions for splices protection sleeves. Additional organizers are to be used for installation cases > 144 fibers if spliced as individual single fibers.
	Additional Fiber organizers	NBL 5041000 (1 pcs / package)	The organizer has 6 positions for splices protection sleeves (max length 45 mm).
	4x 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 /22 NTA 162 12 /41	100 x Splice sleeve 1f, l=40mm 100 x Splice sleeve 1f, l=60mm 50 x Splice sleeve 2-8 f, l=40mm (ribbon)