

Fiber Jointing Cabinet – NCD 518 8005

For 768 (2600) Fibers



Cabinet intended for fiber splicing of cables and can also be used as a multi-purpose branch point indoor.

Features

- Small footprint (only 220mm deep)
- Indoor - dust and bug proof (IP 44)
- Flexible cable inlet options
- Built-in work table – faster installation
- Multi-purpose fiber tray system
- 768 single fiber fusion splices
- 1536 (4f), 2600 (8f) ribbon fusion splices
- Wall mount, 19" or ETSI – rack
- 32 organizers (12 pos. for sleeves) incl.
- External cable strain relief as accessory for very large multi fiber cables (>480 f)

Application

The typical application is jointing outdoor cables from the feeder network to indoor cables from pre-connected ODFs, such as from the Hexatronic high density mass termination system BFM108213 or similar. The splice point also

serves the need to re-organize fibers from the incoming cables to be directed to specific ODFs that even may be located in different racks. The cabinet can also be used as a multi purpose branch point indoor which often is useful in metro or dark fiber networks.

Design

The cabinet is designed for wall mounting indoor. It can also be mounted in 19" or ETSI racks, 2 cabinets will fit in one 1800 mm high rack. The cabinet is fully front-serviced with a lockable divided front door that opens in different directions to suit the most constrained areas.

The lower door forms a work table for the fiber trays during installation. This gives an extremely good serviceability.

The 32 fiber organizers have 12 positions for splice sleeves and can host 24 single or 12 ribbon sleeves. The theoretical max splice capacity is 3072 fibers using 8-f ribbons, however it is recommended to use only up to 2600 fibers (to have manageable fiber slack). The cabinet is delivered with fiber organizers and two keys to the lockable doors.

The unit has 4 entrances, 2 from the top and 2 from below. The cable entrances are of rubber gasket design to make it bug and dust proof.



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Specifications

Entrances

The unit has 4 entrances:

- 2 x 4 (25 mm) cable entrance plates
- 2 x 16 (10 mm) cable entrance plates

Material

All metallic parts are made of painted Aluzinc sheet steel or aluminum to withstand corrosion. The seals and rubber parts are TPE and organizers are of plastic material. All materials are RoHS approved.

Size, weight and color

Weight 15 kg
 Dimensions (HxWxD) 600x440x220 mm
 Color..... Coral white



Conformances

The cabinet is designed for indoor use according to IP 44.

Ordering Information

PRODUCT NUMBER	TYPE
NCD5188005	Fiber Jointing Cabinet (incl. 32 organizers)

Accessories

	TYPE	PRODUCT NUMBER	DENOMINATION / COMMENT
	External cable strain relief	NTM503023	To be used for fixating large or heavy multifiber cables to the wall above (or below) the cabinet e.g. recommended for cables > 480 fiber
	Splice Protection Sleeves	NTA 162 12/72	100 x Splice sleeve 1f, l=40 mm
		NTA 162 12 /22	100 x Splice sleeve 1f, l=60 mm
		NTA 162 12 /41	50 x Splice sleeve 2-8 f, l=40 mm (ribbon)