

## Joint Closure – NCD 504

### Joint Closure for Fiber Optic Cables



#### Application

This joint closure is intended for jointing of optical fiber cables. The butt end type of joint closure is suitable for both outdoor and indoor installations. It handles straight joints, branch joints and mid-span access. The joint closure can be mounted on walls and poles, in manholes or buried. The joint closure entrances are pre-opened according to the specific need (four basic versions).

#### Specifications

##### Fiber capacity

The standard closure is delivered with 4 fiber organizers (NBL 504 041) allowing 48 single or 24 ribbon splices. The basic closure can house another 4 fiber organizers which will double this capacity. With an additional extension ring (accessory) another 4 fiber organizers can be added giving a total capacity of 144 single or 72 ribbon splices.

##### Cable types

The joint closure handles standard or armored fiber optic cables. See accessories for different application kits.

#### Cable entrances

The joint closure has three cable entrances. Two circular (24 mm) for one cable each and one elliptically shaped (53.1x23.1 mm) to be used as a multi cable entrance or for mid-span access installations.

If the number of cable entrances is insufficient, the extension ring NTM 504 19, can increase the capacity with another 4 cables.

#### Material

The black UV-protected closure is made of ABS-plastics. External and internal steel parts are made of stainless steel.

Tests and standards:

- Sealed according to IP 68
- Fire retardant according to UL94 V-0
- Tested according to EN 61300

#### Size and weight

The external size of the closure is 342 x 262 x 140 mm. With the cable bushings included the overall length is 405 mm. Total height, cover included, is 190 mm. The weight is 3.2 kg.



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### Ordering Information

The cable entrance seal kits are included in accordance with the pre-opened entrances.

#### Joint Closure

PRODUCT NUMBER	OPENED SINGLE CABLE ENTRANCES	OPENED MULTI CABLE ENTRANCE
NCD 504 5004	No	No
NCD 504 6004	Yes	No
NCD 504 7004	No	Yes
NCD 504 8004	Yes	Yes

#### Accessories– Fiber Organizer Extension Kits

PRODUCT NUMBER	NO. OF ORGANIZERS	NO. OF COVERS	SINGLE SPLICES	RIBBON SPLICES
NBL 504 020	2	0	24	12
NBL 504 021	2	1	24	12
NBL 504 040	4	0	48	24
NBL 504 041	4	1	48	24

#### Accessories/Spare Parts

PRODUCT NUMBER	TYPE
<b>Cable extension, installation and seal kits</b>	
NTM 504 001	Label and tape kit (for 10 closures)
NTM 504 002	Single cable entrance seal kit (for one round entrance)
NTM 504 003	Multi cable entrance seal kit
NTM 504 004	Bridging wire kit for metal armored cable (enough for 10 closures)
NTM 504 009	Installation kit for double sheathed cable
NTM 504 005/1	Micro cable entrance kit for multi cable inlet (2) / mid-span
NTM 504 005/2	Micro cable entrance kit for single cable inlet
NTM 504 19	Extension ring with end plugs (max 4 organizers and 4 cable bushings) h=50mm
NDM 501 508	Cable bushing with strain relief for extension ring
NDM 501 205	End-plug for Extension ring
SXA 113 9183	Rubber seal (spare part)
<b>Joint Closure kits for various installation cases</b>	
NTM 504 010	Kit for mid-span access (for one closure)
NSD 515 21	Mounting bars for wall or manhole rails (or support to NSD51522)
NSD 515 22/1	Mounting bracket for poles
NSD 515 23/3	Mounting bracket for wall/pole with cable loop holder
NTM 503 024	Mounting kit for mounting in manholes
NTM 504 012	Ground screw (for one closure)
NTM 504 070	FIMT-kit. The kit makes it possible to access and apply toning voltage or grounding the submarine cable metallic tube.
<b>Fiber installation kits</b>	
NTA 162 12/7	Splice protection sleeve single fiber (45 x 2.5mm shrunk) order qty = 100 pcs
NTA 162 12/2	Splice protection sleeve single fiber (60 mm) order qty = 100 pcs
NTA 162 12/4	Splice protection sleeve ribbon (up to 12 fiber ribbon) order qty = 50 pcs
SVK 121 02	10x Marking kit for loose tube, tight buffered and ribbon (1-48)
SVK 121 03	10x Marking kit for loose tube, tight buffered and ribbon (49-96)
SVK 121 04	10x Marking kit for loose tube, tight buffered and ribbon (97-144)