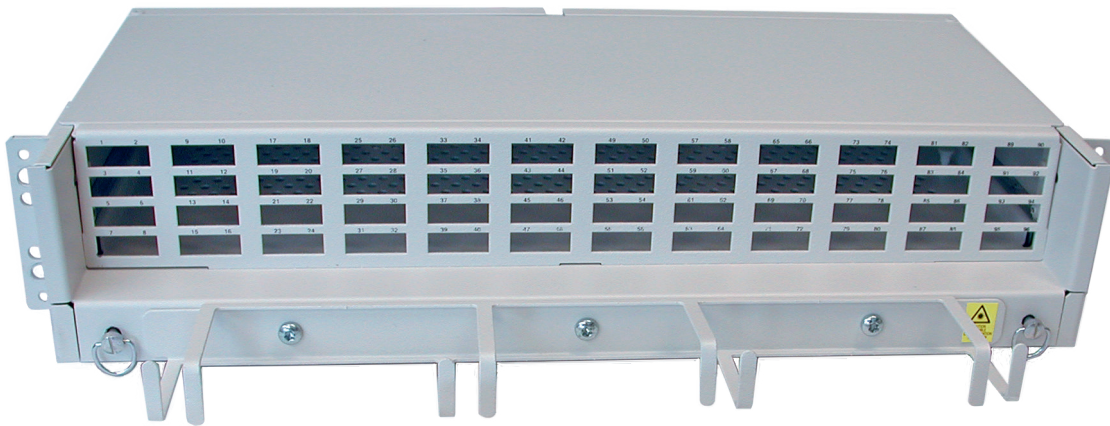


ODF 2U, Cable Installation – NCD 513 9+

Optical Distribution Frame



This unit is intended for termination of field installed optical fiber cables to the ODF panel.

Features

- 2U for 19" or ETSI mount
- Small depth 250 mm (within ETSI)
- Up to 96 fibers (using 48 x SC duplex cut out slots)
- Front serviced
- Supports SC, FC, ST and LC adapters

Application

The unit is typically used for sites where the incoming cable (up to 96 fibers) allows to be terminated directly in the ODF. A kit is available to double the capacity for typically 144 / 192 fiber cables by mounting two ODFs together. The ODF supports a wide selection of connector and incoming cable options. This type of ODF is also available in pre-terminated versions for more efficient installations (see separate prod data sheet).

Design

The unit is suitable for the installation of pigtails or pre-connectorized cables. Internal fiber guides and holders are included.

A horizontal patch guide can be integrated within the 2U-ODF and will not further increase the height of the unit, giving high functionality in a very small space.

The termination unit comprises a chassis, a drawer with front panel, a combined cable entrance/strain relief, two angled mounting brackets and a cover. All done in a modular way for front serviced time saving installations and maintenance.

The mounting brackets fit the chassis in three different locations for various mounting depth.

By turning the brackets the unit will fit either 19" or ETSI rack. The brackets also permit wall mounting.

The front panel is forward foldable to facilitate maintenance (cleaning etc.) of the connectors located inside.

The optical performance of the ODF connections used in the Hexatronic systems is ensuring the right quality and stability over time.



Specifications

Entrances

The termination unit can be fitted with cable entrances for up to 4 cables with maximum outer diameter of 20 mm, two from each side, located at the rear.

Material

The termination unit is made of painted Aluzinc sheet steel. All products are in accordance with RoHS

Size, Weight and Color

Weight 5 kg

Dimensions excl. brackets

(HxWxD) 86 x 440 x 249 mm

Color Coral white

Ordering Information

Basic versions

The different versions and configurations of the termination unit type NCD 513 9+ are shown in the chart below. Adaptors are not included. For installations of more than 72 fibers it is recommended to fuse using ribbon-technology or consider

pre-terminated ODF as an alternative. "Blind plugs" are available to cover empty adapter slots in case of adaptation to lower numbers of connections.

| PRODUCT NUMBER | CUT OUT TYPE | NO. OF SLOTS IN THE FRONT | MAXIMUM NO. OF FIBER CONNECTIONS |
|--------------------|--------------------|---------------------------|----------------------------------|
| NCD 513 9215 | SC-duplex | 24 | 48 |
| NCD 513 9216 | SC-duplex | 48 | 96 |
| NCD 513 9218 | LC-Quadruplex | 24 | 96 |
| NCD 513 9216/192LC | LC-Quadruplex | 48 | 192 |
| NCD 513 9305 | ST or FC (D-shape) | 48 | 48 |



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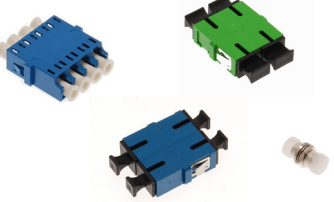

Accessories

| | | |
|---|---|---|
|  | PRODUCT NUMBER NBL 323 01 | DENOMINATION / COMMENT Storage unit (H= 88 mm within 2U, 24 magazine x 1 row) For excess length of patches incl. horizontal patch guide |
|  | PRODUCT NUMBER NTM 502 11 | DENOMINATION / COMMENT Horizontal patch guide integrated on ODF, straight (H=27mm) |
|  | PRODUCT NUMBER NTM 502 12 | DENOMINATION / COMMENT Horizontal patch guide integrated on ODF, with radius limiter on left hand side for use in MMF (H=27mm) |
|  | PRODUCT NUMBER LTT 179 001 1/LTT 179 001 | DENOMINATION / COMMENT Connector cleaner, UPC and APC 6 x Clean refill for LTT 179 001 |
|  | PRODUCT NUMBER LFS 150 101 LFS 150 102 | DENOMINATION / COMMENT 200 x Cleaning stick 2.5 mm (SC, FC, ST, E2000) 200 x Cleaning stick 1.25 mm (SFF-connectors LC, MU etc.) |
|  | PRODUCT NUMBER SVK 121 02 SVK 121 03 SVK 121 04 | DENOMINATION / COMMENT 10 x Marking kit 1-48 10 x Marking kit 49 - 96 10 x Marking kit 97 - 144 |
|  | PRODUCT NUMBER NTM 504 14/1 | DENOMINATION / COMMENT Extension kit for 2 ODF to double capacity (to 4U) (two side brackets, back plate and screws) |



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Accessories

| | | |
|---|---|--|
|  <p>Examples of adapter types</p> | <p>PRODUCT NUMBER</p> <p>RNT 992 11/13 RNT 992 11/23 RNT 992 15/13 RNT 992 22/15 RNT 992 22/16 RNT 992 90/1 RNT 992 01/1 RNT 992 01/2</p> | <p>DENOMINATION / COMMENT</p> <p>Adaptor SC-duplex blue Adaptor SC / APC-duplex green Adaptor SC-duplex beige (MM) Adaptor LC-quadruplex blue Adaptor LC / APC-quadruplex green Adaptor ST Adaptor FC Adaptor FC/APC</p> |
|  | <p>NDM 501 902 NDM 501 903</p> | <p>6 x Plugs for SCD slots 6 x Plugs for FC, ST slots</p> |
|  <p>Example of pigtail type LC</p> | <p>TSR 395 0423/2000 TSR 395 0426/2000 TSR 395 0414/2000 TSR 395 0433/2000</p> | <p>Standard grade (Singel Mode) Pigtail 0.9 mm SC, 2 m Pigtail 0.9 mm SC/APC, 2 m Pigtail 0.9 mm LC, 2 m Pigtail 0.9 mm LC/APC, 2 m</p> <p>For optical performance, or Multimode options - see separate data sheeths</p> |
|  <p>Example of Fan-out type 4xSC</p> | <p>TSR 395 0623/2800 TSR 395 0626/2800 TSR 395 0614/2800 TSR 395 0633/2800</p> | <p>Standard grade (Singel Mode) Fan-out tail 4x SC, 2.8 m Fan-out tail 4x SC/APC, 2.8 m Fan-out tail 4x LC, 2.8 m Fan-out tail 4x LC/APC, 2.8 m</p> <p>For optical performance, or Multimode options - see separate data sheeths</p> |
|  | <p>NTA 162 12/72 NTA 162 12/22 NTA 162 12/41</p> | <p>100 x Splice sleeve 1f, l=40 mm 100 x Splice sleeve 1f, l=60 mm 50 x Splice sleeve 2-8 f, l=40 mm (ribbon)</p> |