

ODF 1.5U, cable installation, NCD 513 02+

Optical Distribution Frame



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

FEATURES

- 1.5U for 19" or ETSI mount
- Small depth 250 mm (within ETSI)
- Up to 48 fibers (using 24 x SC duplex cut out slots)
- Front serviced
- Supports SC, FC, ST, MT-RJ, E2000 and LC adapters

APPLICATION

The 1.5 U high unit is used for small to medium number of terminations. The unit is typically used for sites where the incoming cable (up to 48 fibers) allows to be terminated directly in the ODF. The ODF supports a wide selection of connector and incoming cable options.

The unit is suitable for the installation of pigtails or pre-connectorized cables. An installation kit with all the necessary holders for splice protection sleeves, strain relief holders, etc is available (not included).

A horizontal patch guide (0.5 U) to be mounted underneath the ODF is available as an optional accessory.

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

DESIGN



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: 3.7 Kg
Dimensions excl. brackets
(HxWxD): 66 x 440 x 249 mm
Color: Coral white

ORDER INFORMATION

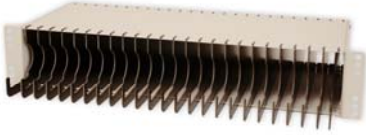

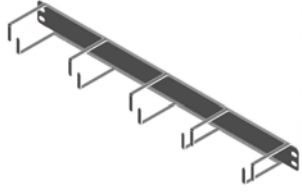


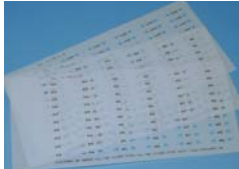
Basic versions:

The different versions and configurations of the termination unit type NCD 513 2&3+ are shown in the chart below. Adaptors are not included. "Blind plugs" are available to cover empty adapter slots in case of adaptation to lower numbers of connections.

Unit type	Cut out type ¹	No. of slots in the front	Maximum no. of fiber connections
NCD 513 0211	SC-Duplex	12	24
NCD 513 0212	SC-Duplex	18	36
NCD 513 0213	SC-Duplex	24	48
NCD 513 0303	ST or FC (D-shape)	24	24
NCD 513 0243	E2000-duplex	24	48

¹ LC-duplex fits in panel with SC cut out, LC-quadruplex and MTRJ-duplex fits in panel with SC-duplex cut out

ACCESSORIES

Part. No.	Denomination	Lay out
NBL32301	Storage unit (H= 88 mm within 2U, 24 magazine x 1 row) For excess length of patches incl. horizontal patch guide	
02/NCD 513	Horizontal patch guide for termination unit (H=22mm, 0.5 U) 19" width (ETSI with included extension brackets)	
NTM 504 036	Horizontal patch guide mount below ODF (H=44mm, 1U) General purpose large capacity 19" width only	
LTT 179 001 1/LTT 179 001	Connector cleaner, PC and APC Cleaning tape for cleaner, refill 6-pack	
LTT 179 001/1 1/LTT 179 001/1	Anti-stat connector cleaner, MU,LC,MT,MP Cleaning tape for cleaner, refill 6-pack	
LFS 150 101	Cleaning stick, adaptor/ connector 200-pack (2.5 mm for SC, FC, ST, E2000)	
LFS 150 102	Cleaning stick (SFF-connectors) LC (1.25mm for LC, MU)	
NTM 503 83	Installation kit (one per unit required) containing: <ul style="list-style-type: none"> • Splice sleeve holders (2pcs) • Fiber tail guides • Installation Instruction 	
SVK 121 02	Marking kit 10 pcs x 1-48 numbers	

Part. No.	Denomination	Lay out
RNT 992 11/12 RNT 992 11/22 RNT 992 15/11 RNT 992 94/4 RNT 992 95/4 RNT 992 22/5 RNT 992 22/9 RNT 992 81/3 RNT 992 90/1 RNT 992 01/1	Adaptor SC-duplex blue Adaptor SC / APC-duplex green Adaptor SC.duplex beige (MM) Adaptor E2000-duplex blue Adaptor E2000 / APC-duplex green Adaptor LC-quadruplex blue Adaptor LC / APC-quadruplex green Adaptor ST Adaptor FC Adaptor MTRJ-duplex black (MM)	 <p data-bbox="1045 582 1300 607"><i>Examples of adapter types</i></p>
NDM 501 902 NDM 501 903	Plugs for empty SC duplex - cut out slots (pkg 6) Plugs for empty FC or ST - cut out holes (pkg 6)	
TSR3910103/2000 TSR3910135/2000 TSR3920101/2000 TSR3910180/2000 TSR3920106/2000 TSR3910169/2000 TSR3920105/2000 TSR3950423/2000 TSR3950426/2000 TSR3950414/2000 TSR3950433/2000	<p data-bbox="422 750 718 779">High grade (Singel Mode):</p> Pigtail 0.9 mm FC, 2 m 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 Pigtail 0.9 mm E2000, 2 m Pigtail 0.9 mm E2000/APC, 2 m <p data-bbox="422 996 766 1025">Standard grade (Singel Mode)</p> 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 data-bbox="422 1164 1013 1209"><i>For optical performance, or Multimode options - see separate data sheeths</i></p>	 <p data-bbox="1045 1142 1300 1171"><i>Example of pigtail type LC</i></p>
TSR3914103/2800 TSR3914135/2800 TSR3924101/2800 TSR3914180/2800 TSR3924106/2800 TSR3950623/2800 TSR3950626/2800 TSR3950614/2800 TSR3950633/2800	<p data-bbox="422 1220 718 1249">High grade (Singel Mode):</p> Fan-out tail 4x FC, 2.8 m 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 data-bbox="422 1411 766 1440">Standard grade (Singel Mode)</p> 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 data-bbox="422 1574 1013 1619"><i>For optical performance, or Multimode options - see separate data sheeths</i></p>	 <p data-bbox="1045 1568 1340 1597"><i>Example of Fan-out type 4xSC</i></p>
NTA 162 12/7 NTA 162 12 /2 NTA 162 12 /4	Splice sleeves, single fibers 45x2.5 mm Order qty. 100 pcs. Splice sleeves, single fibers 60x2.5 mm Order qty. 100 pcs. Splice sleeves, 2-8 ribbon fibers Order qty. 50 pcs.	