ODF 1.5U, cable installation, NCD 513 02+

Optical Distribution Frame

Data Sheet

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.

DESIGN

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.

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

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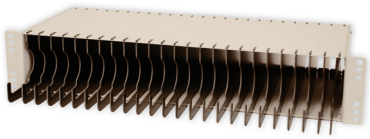
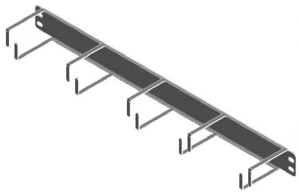
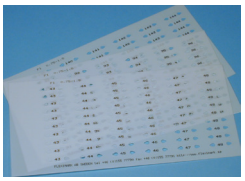
ACCESSORIES

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 LTT 179 001/1 1/LTT 179 001/1	Connector cleaner, UPC and APC 6 x Clean refill for LTT179001 Anti-stat connector cleaner, MU,LC,MT,MP 6 x Clean refill for LTT179001/1	
LFS 150 101 LFS 150 102	200 x Cleaning stick 2.5 mm (SC, FC, ST, E2000) 200 x Cleaning stick 1.25 mm (SFF-connectors LC, MU etc.)	
NTM 503 83	Installation kit (one per unit required) containing: • Splice sleeve holders (2pcs) • Fiber tail guides • Installation Instruction	
SVK 121 02	10 x Marking kit 1-48	

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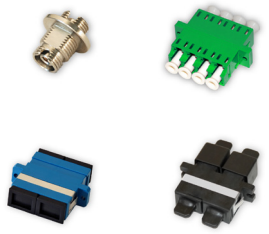
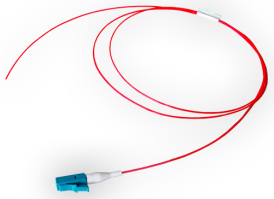
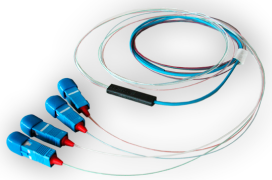
Part. No.	Denomination	Lay out
RNT 992 11/13 RNT 992 11/23 RNT 992 15/13 RNT 992 94/4 RNT 992 95/4 RNT 992 22/15 RNT 992 22/16 RNT 992 81/3 RNT 992 90/1 RNT 992 01/1	Adaptor SC-duplex blue Adaptor SC / APC-duplex green Adaptor SC.duplex beige (MM) Adaptor E2000-duplex blue Adaptor E2000 / APC-duplex green Adaptor LC-quadruplex blue Adaptor LC / APC-quadruplex green Adaptor ST Adaptor FC Adaptor MTRJ-duplex black (MM)	 *Examples of adapter types*
NDM 501 902 NDM 501 903	6 x Plugs for SCD slots 6 x Plugs for FC, ST slots	
	High grade (Singel Mode):	
TSR3910103/2000	Pigtail 0.9 mm FC, 2 m	
TSR3910135/2000	Pigtail 0.9 mm SC, 2 m	
TSR3920101/2000	Pigtail 0.9 mm SC/APC, 2 m	
TSR3910180/2000	Pigtail 0.9 mm LC, 2 m	
TSR3920106/2000	Pigtail 0.9 mm LC/APC, 2 m	
TSR3910169/2000	Pigtail 0.9 mm E2000, 2 m	
TSR3920105/2000	Pigtail 0.9 mm E2000/APC, 2 m	
	Standard grade (Singel Mode)	
TSR3950423/2000	Pigtail 0.9 mm SC, 2 m	
TSR3950426/2000	Pigtail 0.9 mm SC/APC, 2 m	
TSR3950414/2000	Pigtail 0.9 mm LC, 2 m	
TSR3950433/2000	Pigtail 0.9 mm LC/APC, 2 m	
	For optical performance, or Multimode options - see separate data sheeths	 *Example of pigtail type LC*
	High grade (Singel Mode):	
TSR3914103/2800	Fan-out tail 4x FC, 2.8 m	
TSR3914135/2800	Fan-out tail 4x SC, 2.8 m	
TSR3924101/2800	Fan-out tail 4x SC/APC, 2.8 m	
TSR3914180/2800	Fan-out tail 4x LC, 2.8 m	
TSR3924106/2800	Fan-out tail 4x LC/APC, 2.8 m	
	Standard grade (Singel Mode)	
TSR3950623/2800	Fan-out tail 4x SC, 2.8 m	
TSR3950626/2800	Fan-out tail 4x SC/APC, 2.8 m	
TSR3950614/2800	Fan-out tail 4x LC, 2.8 m	
TSR3950633/2800	Fan-out tail 4x LC/APC, 2.8 m	
	For optical performance, or Multimode options - see separate data sheeths	 *Example of Fan-out type 4xSC*
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)	

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