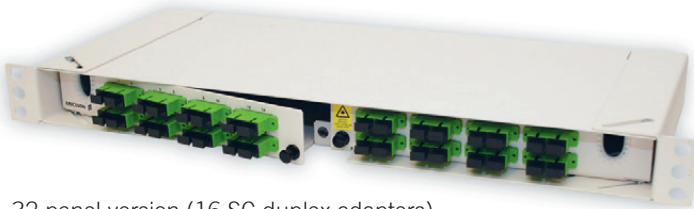


## ODF 1U, Patch Panel – NCD 520 5000+

### Optical Distribution Frame



32 panel version (16 SC duplex adapters)



48 panel version (48 SC simplex adapters)

The unit is intended as a pure “patch panel” thus having pre connected cable or patches on both sides of the panel.

### Features

- 1U for 19” standard width
- Small depth 200 mm (within ETSI)
- Panels for 32 or 48 SC (LC) connections
- Front serviced
- Supports SC and LC adapters
- Light weight

### Application

The ODF panel is mainly used for interconnection between units within sites and fits in 19” standard racks also with metric mounting pattern. The ODF supports SC-cut out type of adaptors.

### Design

The unit is designed for installation of pre-connectorized cables. The units are available in two panel sizes both with maximum number and without adapters mounted. It is totally front serviced and consists of two panels possible to swing out for easy installation and maintenance.

The front panels are designed with a slot function in each corner which allows for easy and fast installation of the incoming pre-connected patches. The divided front can be used for A and B side in a system. The in and outgoing patches on the two sides should be guided to the left and to the right respectively.

Horizontal patch guides or storage unit to be mounted underneath the ODF is available as an optional accessory.

The optical performance of the patches and pre-connectorized cables used in the Hexatronic systems is ensuring the right quality and stability over time.



## ODF 1U, Patch Panel – NCD 520 5000+

### Specifications

#### Material

The termination unit is made of aluminum. All products are in accordance with RoHS.

#### Size, weight and color

Weight ..... 1.2 kg

Dimensions incl. brackets  
(HxWxD) ..... 43x485x200 mm

Color ..... Coral white

### Ordering Information

The different versions and configurations of the patch panel NCD 520 5000+ are shown in the chart below. Adaptors are either pre assembled for the most commonly used configurations or left out for lower numbers or mix of connector types. "Blind plugs" are available to cover empty SC –duplex.

PRODUCT NUMBER	PANEL ADAPTER TYPE	NO. OF SLOTS / ADAPTERS	MAXIMUM NO. OF CONNECTORS
NCD 520 5000/1	SC-simplex pre assembled	3 x 16 simplex	48
NCD 520 5000/2	SC-duplex pre assembled	2 x 8 duplex	32
NCD 520 5000/3	SC/APC-simplex pre assembled	3 x 16 simplex	48
NCD 520 5000/4	SC/APC-duplex pre assembled	2 x 8 duplex	32
NCD 520 5000/10	SC -simplex empty slots	3 x 16 simplex	48
NCD 520 5000/20	SC -duplex empty slots	2 x 8 duplex	32

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

### Accessories

	PRODUCT NUMBER NBL32301	DENOMINATION / COMMENT 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, 0.5U) 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.)



## ODF 1U, Patch Panel – NCD 520 5000+

### Accessories

 <p>Examples of adapter types</p>	<p><b>PRODUCT NUMBER</b></p> <p>RNT 992 11/13 RNT 992 11/23 RNT 992 15/13 RNT 992 22/15 RNT 992 22/16 RNT 992 01/1</p>	<p><b>DENOMINATION / COMMENT</b></p> <p><b>Duplex adapters for NCD 520 5000/20</b> Adaptor SC-duplex blue Adaptor SC / APC-duplex green Adaptor SC-duplex beige (MM) Adaptor LC-quadruplex blue Adaptor LC / APC-quadruplex green Adaptor MTRJ-duplex black (MM)</p>
 <p>Examples of adapter types</p>	<p>RNT 992 10 / 24 RNT 992 10 / 23 RNT 992 10 / 14 RNT 992 10 / 13 RNT 992 22 / 12 RNT 992 22 / 13 RNT 992 22 / 14 RNT 992 22 / 2</p>	<p><b>Simplex adapters for NCD 520 5000/10</b> SC/APC adapter (green) w. shutter SC/APC adapter (green) SC adapter (blue) w. shutter SC adapter (blue) LC/APC duplex adapter (green) w. shutter LC/APC duplex adapter (green) LC duplex adapter (blue) w. shutter LC duplex adapter (blue)</p>
	<p>NDM 501 902</p>	<p>6 x Plugs for SCD slots</p>
 <p>Example of pigtail type LC</p>	<p>TSR3910135/2000 TSR3920101/2000 TSR3910180/2000 TSR3920106/2000  TSR3950423/2000 TSR3950426/2000 TSR3950414/2000 TSR3950433/2000</p>	<p><b>High grade (Singel Mode):</b> 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  <b>Standard grade (Singel Mode)</b> 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  For optical performance, or Multimode options - see separate data sheeths</p>
 <p>Example of Fan-out type 4xSC</p>	<p>TSR3914103/2800 TSR3914135/2800 TSR3924101/2800 TSR3914180/2800 TSR3924106/2800  TSR3950623/2800 TSR3950626/2800 TSR3950614/2800 TSR3950633/2800</p>	<p><b>High grade (Singel Mode):</b> 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  <b>Standard grade (Singel Mode)</b> 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  For optical performance, or Multimode options - see separate data sheeths</p>