

# MCNP-L

## Rack Mount Connector Network Panel

### Description:

The **MCNP-L** Connector network panel is an economical rack mountable ODF – optical distribution frame for use with splicing of manufactured pigtails, pre terminated cables and field-installable connectors. Made of lightweight and resistant aluminum alloy the **MCNP-L** offers user friendly handling during installation and operation and low transportation costs. The incoming cables are strain-relieved at the rear panel of the unit. The pivoting shelf can be equipped with either a splice tray holder or bend radius protection which guides, stores and organizes excess slack. This prevents damage to fibers prior to routing into couplings. The **MCNP-L** is used in installations where space is limited.



Opened MCNP-2L-48-FC-S-C-4 /A

### Features:

- Splicing and termination optical cable in one box
- Pivoting shelf eases connector routing and cable routing
- Extended (f.e. 4 coupling CNPL panels per 2U) version available
- Accommodates up to 72 fibers in 2 rack unit
- Splice cassette holder enables cable termination with the help of pigtail splicing
- Made of lightweight aluminum alloy with light grey colour (RAL 7038)<sup>1</sup>
- Labeling and numbering
- Protection: IP20
- Cable strain-relief and grounding provisions
- Accepts the industry's most common connector types
- FTTH use – microtubes holder included
- Passed seismic tests according to ASME standards
- Approved for Construction of Nuclear Power Plant Components
- Operating temperature -40 to +85 °C<sup>2</sup>

### Technical specifications:

PART NUMBER	FIBER CAPACITY <sup>3</sup>	RACK UNITS	DIMENSIONS (HxWxD) mm	SHIP WGT (kg)
	CNPL-12-FC <sup>4</sup>			
<b>MCNP – 2L</b>	48 FC adapters	2	88 x 432 x 239	3.8
<b>MCNP – 3L</b>	72 FC adapters	3	133 x 432 x 239	5.5

Note:

**1)** Optionally are possible next colours (RAL9006, RAL7035)

**2)** Conditioned by temperature range of cable type

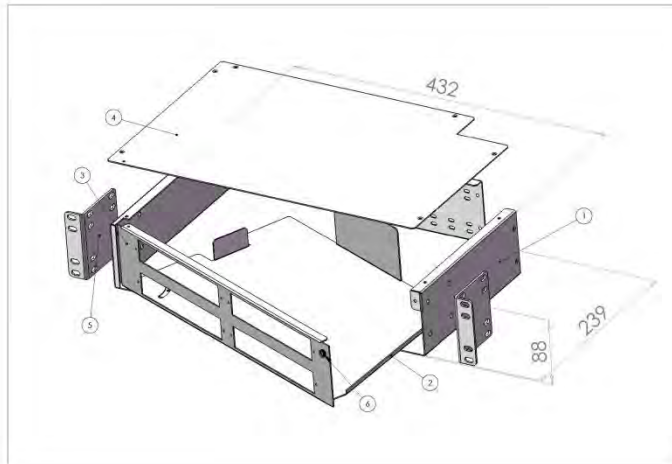
**3)** Splice Tray: CMS\_01-09\_EN-KNS\_Splice\_trays

**4)** CNPL coupling panel with FC adapters



Closed MCNP-2L-24-FC-S-C-2 /A

## Product information and specification:



Parts which are available separately:

- 1** OCNP-BU-X base unit
- 2** OCNP-TS-1 twisting shelf
- 3** OCNP-CL-XY front panel
- 4** OCNP-TC top cover
- 5** UH-X unit holder
- 6** Front panel fixation screw

X = 2, 3 – rack unit

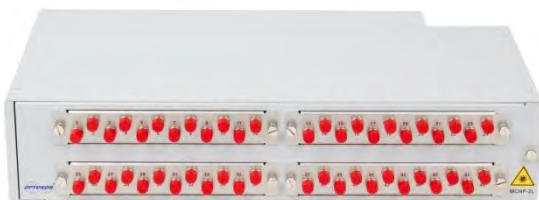
## Ordering Code:

<b>MCNP</b>		-	<b>XL</b>	-	<b>XX</b>	-	<b>XX(F)<sup>5</sup></b>	-	<b>X</b>	-	<b>X – XX /A</b>	<b>/SSL<sup>6</sup></b>
<b>Version</b> Rack Unit <b>2</b> 2U      4 CNPL panels per 2U <b>3</b> 3U      6 CNPL panels per 3U						<b>Adapter Type - XX</b> <b>FC</b> FC <b>SC(F)</b> SC <b>DSC(F)</b> Duplex SC <b>DLC (F)</b> Duplex LC <b>E2</b> LSH (E2000)				<b>X - Option for Fiber Termination</b> <b>B</b> Bend radius protectors <b>C</b> Splice cassette for 12 splicing  <b>XX - Number of Splice Cassettes (for „C” option)</b> <b>0</b> No cassette (only splice holder) <b>1 - 8</b> Number of Splice Cassettes for 2U <b>1 - 12</b> Number of Splice Cassettes for 3U		
<b>Fiber Capacity</b> 12 - 72 fibers						<b>X</b> <b>M</b> Multimode <b>S</b> Single mode <b>A</b> APC						

Note:

**5) F** - Fixed adaptors by screws

**6) The material possibility - Luxury Stainless Steel Look (SSL)**



Front view of MCNP-2L-48-FC-S-C-4 /A



Back view of MCNP-2L-48-FC-S-C-4 /A