

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)¹
- 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 °C²

Technical specifications:

PART NUMBER	FIBER CAPACITY ³	RACK UNITS	DIMENSIONS (HxWxD) mm	SHIP WGT (kg)
	CNPL-12-FC ⁴			
MCNP-2L	48 FC adapters	2	88 x 432 x 239	3.8
MCNP-3L	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

Exploded view diagram of the table assembly. The diagram shows the following components and dimensions:

- Component 1:** Right side panel.
- Component 2:** Right side support leg.
- Component 3:** Left side panel.
- Component 4:** Table top.
- Component 5:** Left side support leg.
- Component 6:** Front support leg.

Dimensions:

- 432:** Length of the table top.
- 239:** Width of the table top.
- 88:** Height of the side panels.

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

—

xL

XX -

XX(F)⁵ - X -

X – XX /A

/G⁶



OPTOKON is a registered trademark of OPTOKON, a.s. Other names and trademarks mentioned herein may be the trademarks of their respective owners. 16/12/2024
OPTOKON, a.s. reserves the right to make changes, without notice, to the products described in this document, in the interest of improving design, operational function and/or reliability.
OPTOKON, a.s. Cervený Kriz 250, 586 01 Jihlava, Czech Republic
tel. +420 564 040 111, WWW.OPTOKON.COM, INFO@OPTOKON.CZ