

MCNP Rack Mount Connector Network Panel (Optional IP41)

Description:

The MCNP 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 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 is used in installations where space is limited.



Features:

- Splicing and termination optical cable in one box
- Pivoting shelf eases connector routing and cable routing
- Extended (3 coupling panels per 1U) version available
- Version for installation of adaptors under angle
- Accommodates up to 48 fibers in 1 rack unit
- Splice cassette holder enables cable termination with the help of pigtail splicing
- Made of lightweight aluminum alloy
- Optional IP41 protection
- 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
- Aluminium alloy material-low weight and shipment costs
- Approved for Construction of Nuclear Power Plant Components
- Durable powder coat finish light grey colour (RAL 9006, RAL 7038), next color optionally on request

Specifications:

PART NUMBER	FIBER CAPACITY ¹⁺³		RACK UNITS	DIMENSIONS (HxWxD) mm	SHIP WGT (kg)
	CNPM-XX-06 ²	CNPM-XX-08 ²			
MCNP -1S	12 (24)	16 (32)	1	44 x 432 x 239	1.4
MCNP - 2S	24 (48)	32 (64)	2	88 x 432 x 239	2.1
MCNP - 3S	36 (72)	48 (96)	3	133 x 432 x 239	3.4
MCNP - 1E	18 (36)	24 (48)	1	44 x 432 x 239	1.4
MCNP - 2E	36 (72)	48 (96)	2	88 x 432 x 239	2.1



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MCNP - 3V	72 (144)	96 (192)	3	133 x 432 x 239	3.4
MCNP - 1A, 2A ⁴ MCNP - 3A, 4A ⁴	Special Front panels - Angled adaptors without screws, no CNPM panels		1, 2, 3, 4	44, 88, 133, 178 x 432 x 239	1.4, 2.1, 3.4, 3.9

Note:

1) Splice Tray: CMS_01-09_EN-KNS Splice_trays

MCNP-2A-48-E2 A-C-4/A

2) CNPM coupling panel: CMS_24-01_EN-CNPM

CNPM-XX-06 6 pcs ST, FC, SC, E2000, DLC ... adaptors

CNPM-XX-08 8 pcs ST, FC, SC, E2000, DLC... adaptors

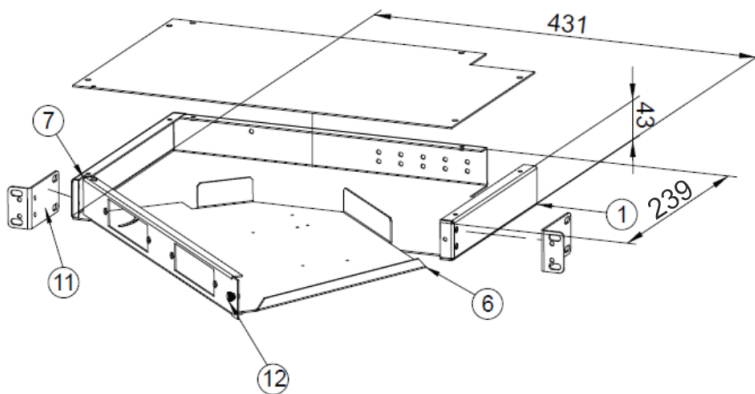
3) Fiber capacity depends on connector adaptor type, e.g. in the case DLC it is double capacity.

4) MCNP-1A, 2A, 3A, 4A

Front panels with adaptors left angled (55°) without screws, CNPM panels not used in this variants,

for all standard adaptor types (SC, DLC, E2000, FC, etc.)

IP41: Necessary special front panel that meets this protection



Parts which are available separately:

- 1 MCNP-BU-X base unit
 - 6 MCNP-TS-1 twisting shelf
 - 7 MCNP-CP-XY front panel
 - 8 MCNP-TC top cover
 - 11 UH-X unit holder
 - 12 Front panel fixation screw
- X=1, 2, 3 - rack unit



MCNP-2S-24-SC A-C-6/A



Grounding accessories

Ordering code:

MCNP - **XX(P)⁶** - **XX** - **XX(F)⁵X** -

X - XX / **A / G⁷**

Version

Rack Unit	Type
1 1U	S Standard (2 panels per 1U)
2 2U	V Vertical (12 panels per 3U)
3 3U	E Extended (3 panels per 1U)
4 4U	A Angled (no CNPM panels)
	P Protected (Optional)

Fiber Capacity

12, 24, ... fibers

Coupling Type

XX		X
ST	ST	M Multimode
SC(F)	SC	S Single mode
FC	FC	A APC
E2(F)	LSH (E2000)	
MJ	MT-RJ	
DSC(F)	Duplex SC	
DLC(F)	Duplex LC	
DMU(F)	Duplex MU	

X - Option for Fiber Termination

B	Bend radius protectors
C	Splice cassette for 12 splicing

XX - Number of Splice Cassettes

(for „C” option)

0	No cassette (only splice holder)
1 - 3	Number of Splice Cassettes for 1U
1 - 8	Number of Splice Cassettes for 2U
1 - 12	Number of Splice Cassettes for 3U
1 - 12	Number of Splice Cassettes for 4U

Note: 5) **F** - Fixed adaptors by screws (no for 2A ver.)

6) **P** - Optional, rodent protected (with PG 13.5)

7) **G** - Grounding option - protection grounding wires installed



CNPM panel-SCF



P-Rodent protected version, cable entry:

PG 13.5 cable gland

(IP41 protection)