

MCNP

Rack Mount Connector Network Panel

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.



MCNP-1S-12-SC A-C-2/A

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
- IP20 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 with the sales department

Technical 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	2.4
MCNP – 2S	24 (48)	32 (64)	2	88 x 432 x 239	3.8
MCNP – 3S	36 (72)	48 (96)	3	133 x 432 x 239	5.2
MCNP – 1E	18 (36)	24 (48)	1	44 x 432 x 239	2.4
MCNP – 2E	36 (72)	48 (96)	2	88 x 432 x 239	3.8
MCNP – 3V	72 (144)	96 (192)	3	133 x 432 x 239	5.5
MCNP – 1A ⁴	Special Front panels – Angled (55 degrees)		1	44 x 432 x 239	2.4
MCNP – 2A ⁴	adaptors without screws, no CNPM panels		2	88 x 432 x 239	3.8

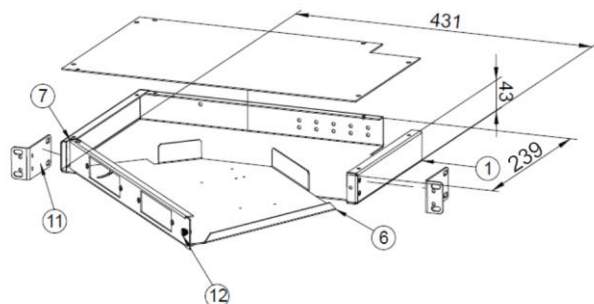
Note:

- 1) Splice Tray: CMS_01-09_EN-KNS Splice_trays
- 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**
Special front panels with angle (55 degrees) mount adaptors without screws, CNPM panels not used in this variants, for all standard adaptor types (SC, DLC, E2000, FC, etc.)



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

Product information and specification:



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

Ordering code:

MCNP - **XX(P)⁶** - **XX** - **XX(F)⁵** X - **X - XX** /A /G⁷

Version		X - Option for Fiber Termination	
Rack Unit	Type	B	Bend radius protectors
1 1U	S Standard	C	Splice cassette for 12 splicing
2 2U	(2 panels per 1U)	XX - Number of Splice Cassettes (for „C” option)	
3 3U	V Vertical (12 panels per 3U)	0	No cassette (only splice holder)
	E Extended (3 panels per 1U)	1 - 3	Number of Splice Cassettes for 1U
	A Angled (no CNPM panels)	1 - 8	Number of Splice Cassettes for 2U
	P Protected (Optional)	1 - 12	Number of Splice Cassettes for 3U

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		

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



P-Rodent protected version, cable entry: PG 13.5 cable gland



MCNP-25-24-SC A-C-6/A



Grounding accessories