

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.



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
- 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
- Aluminium alloy material-low weight and shipment costs
- Durable powder coat finish light grey colour (RAL 7038, RAL 9006), next color option: ADAPTA DX-7182-XW color based on saturated polyester resins - stainless steel look
- Operating temperature -40 to +85 °C

Specifications:

PART NUMBER	FIBER CAPACITY ²⁺⁴		RACK UNITS	DIMENSIONS (HxWxD) mm	SHIP WGT (kg)
	CNPM-XX-06 ³	CNPM-XX-08 ³			
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 - 1A⁵ MCNP - 2A⁵	Special FPs - angled adaptors without screws, no CNPM panels		1 2	44 x 432 x 239 88 x 432 x 239	2.4 3.8



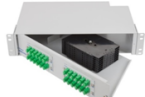
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Note:

- 1) Conditioned by temperature range of cable type
- 2) Splice Tray: CMS_01-09_EN-KNS_Splice_trays
- 3) CNPM coupling panel: CMS_24-01_EN-CNPM
 CNPM-XX-06 6 pcs ST, FC, SC, E2000, DLC ... adapters
 CNPM-XX-08 8 pcs ST, FC, SC, E2000, DLC... adapters
- 4) Fiber capacity depends on connector adaptor type, e.g. in the case DLC it is double capacity.
- 5) **MCNP-1A, 2A**
 Special front panel with angle 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



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



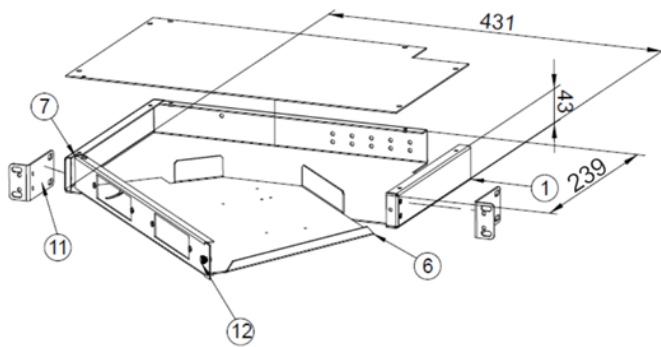
MCNP-1S /A /ADAPTA DX-7182XW color



Grounding accessories



P-Rodent protected version, cable entry



Parts which are available separately:

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

Ordering Code:

MCNP - XX(P)⁷ - XX - XX(F)⁶X -

X - XX /A /G⁸ /(7182)⁹

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)
	A Angled (no CNPM panels)
	P Protected

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

- Note: 6) **F** - Fixed adaptors by screws (no for 2A ver.)
 7) **P** - Optional, rodent protected (with PG 13,5)
 8) **G** - Grounding option - protection grounding wires installed
 9) Option - color ADAPTA DX-7182-XW