

MCNP-xAP

Rack Mount Connector Network Panel

Rating IP41 + Angled fit of adapters

Description:

The **MCNP-xAP** Connector Network Panel is an affordable optical distribution frame that can be mounted on a 19" rack. It is designed for splicing pre-made pigtails, pre-terminated cables, and connectors that can be installed on site. The panel is made from a lightweight and durable aluminum-magnesium alloy, which makes it easy to handle during installation and operation, and also helps keep transportation costs low.

The incoming cables are connected to the rear panel of the unit using a PG cable gland, which helps the **MCNP-xAP** meet the IP41 rating. The pivoting shelf on the panel can be equipped with either a splice tray holder or bend radius protection to guide, store, and organize excess slack. This helps prevent damage to fibers before they are routed into couplings.

The **MCNP-xAP** is equipped with angled adapters that prevent direct eye contact with the fiber optic light beam and reduce the risk of exposure to the laser.



Features:

- Splicing and termination optical cable in one box
- Pivoting shelf eases connector routing and cable routing
- Installation of adaptors under angle
- Splice cassette holder enables cable termination with the help of pigtail splicing
- Made of lightweight aluminum-magnesium alloy
- Rating **IP41**
- PG16 cable gland and optionally grounding provisions
- Accepts the industry's most common connector types
- FTTH use - microtubes holder included
- Durable powder coat finish light grey colour (RAL 7038), next color optionally on request
- Special front panel from luxury Stainless Steel Look (SSL) material meet IP41 rating

Technical specifications:

PART NUMBER	RACK UNITS	RATING IP41	DIMENSIONS (HxWxD) mm	SHIP WGT (kg)
MCNP - 1AP	1	– Special SSL front panel with angled adaptors (55°) – Cable entry via PG16	44 x 432 x 250	1.4
MCNP - 2AP	2		88 x 432 x 250	2.1
MCNP - 3AP	3		133 x 432 x 250	3.4
MCNP - 4AP	4		178 x 432 x 250	3.9



MCNP-4AP-96-DLCF A-C-8



MCNP-2AP-48-DLCF A-C-4

Ordering code:

MCNP - xAP - XX - XX(F)¹X - X - XX / (G)²

x - Size (Rack unit)

- 1 - 1U
- 2 - 2U **A** - Angled adapters
- 3 - 3U **P** - Protected IP41
- 4 - 4U

Fiber capacity

12, 24, ... fibers

Coupling type

XX		X	
SC(F)	SC	M	Multimode
DLC(F)	Duplex LC	S	Singlemode
FC	FC	A	APC
E2(F)	LSH (E2000)		
DSC(F)	Duplex SC		

X - Option for fiber termination

- B** Bend radius protectors
- C** Splice cassette for 12 splicing

XX - Number of splice cassettes (C-option)

- 0** No cassette (only splice holder)
- 1 - 3** # Splice cassettes for 1U
- 1 - 8** # Splice cassettes for 2U
- 1 - 12** # Splice cassettes for 3U
- 1 - 12** # Splice cassettes for 4U

Note: 1) **F** - Fixed adaptors by screws (Can be used in case of sufficient space, subject to the number of adaptors)
2) **G** - Grounding option – Protection grounding wires installed

Product information and technical specification:



MCNP-4AP-96-DLCF A-C-8 opened



MCNP-4AP-96-DLCF A-C-8 side view (PG16)



MCNP-2AP-48-DLCF A-C-4 front view



Grounding accessories - optional