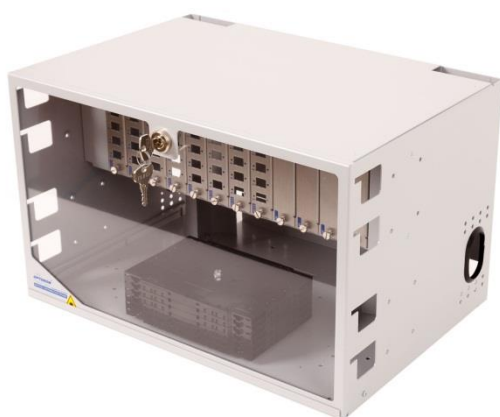


# MFDC

## Rack Mount Splice and Termination Cabinet

### Description:

The **MFDC** cabinet offers termination and splicing within one convenient housing. The **MFDC** terminates up to 144 fibers in 6U frame. This unit accepts 12 snap-in coupling panels or prewired cassettes. Fibers are routed to the lower section of the unit where splice trays, fiber bundles, and buffer tubes are stored. Splice trays can be located on a pullout shelf, allowing easy access to the buffer tube, fiber storage and splicing area.



### Features:

- Aluminum material providing low weight and low shipping costs
- Accommodates up to 144 fiber splices
- Splicing in single splice trays X1B
- Individual splice tray access
- Removable top and back cover allows unrestricted front, rear and top access
- Prewired CAPM cassettes include connectorized fiber pigtailed and adapters
- Key lock and metal latch door options are available
- Durable powder coat finish
- Labels provided to document splice and termination locations

### Technical specifications:

| PART NUMBER | RACK UNIT | DIMENSIONS<br>(H x W x D) mm | SHIP WGT<br>(kg) | Purpose              |
|-------------|-----------|------------------------------|------------------|----------------------|
| <b>MFDC</b> | 6U        | 267 x 432 x 305              | 2.9              | Splice & Termination |

### Equipment parameters:

| Cassette type              | Number of cassettes | Splicing capacity |
|----------------------------|---------------------|-------------------|
| Cassettes X1B <sup>1</sup> | 12                  | 144               |

| Patch panel type | Number of patch panels | Termination capacity |
|------------------|------------------------|----------------------|
| CNPM-XX-06       | 12                     | 72/144 <sup>2</sup>  |
| CNPM-XX-08       |                        | 96                   |

Note: 1) Details see datasheet CMS\_21-01\_EN-Splice trays  
2) When duplex adaptors are used

## Product information and specification:



Closed MFDC with plastic door and keys



MFDC with the pulled out shelf for splicing and fiber storage

### Ordering code:

| MFDC                       |      | -                                                | X | - | XXX | - | XX(F) <sup>1</sup> | - | X | - | XX | - | /((G) <sup>2</sup> - (UHV) <sup>3</sup> |
|----------------------------|------|--------------------------------------------------|---|---|-----|---|--------------------|---|---|---|----|---|-----------------------------------------|
| Type                       | MFDC | Standard 12x panels,<br>Sliding shelf, cassettes |   |   |     |   |                    |   |   |   |    |   |                                         |
|                            |      |                                                  |   |   |     |   |                    |   |   |   |    |   |                                         |
| X - Number of splice trays |      |                                                  |   |   |     |   |                    |   |   |   |    |   |                                         |
| 1 ÷ 12                     |      |                                                  |   |   |     |   |                    |   |   |   |    |   | Number of splice trays X1B              |
|                            |      |                                                  |   |   |     |   |                    |   |   |   |    |   |                                         |
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Key lock (LM)<sup>4</sup> Metal latch (ZM)

**Fiber capacity**  
0 – 144 fibers

Note: **1) F** – Fixed adaptors by screws

**2) G** – Grounding option – protection grounding wires installed, see datasheet CMS\_01-02\_EN-accessories

**3) UHV** – Vertical unit holder

**4) Optional** – The same key for multiple ordered cabinets



Grounding wiring detail

