

# Rack Mount MFDC – Splice and Termination Cabinet

## Description:

The MFDC Cabinets offer termination and splicing within one convenient housing. The MFDC terminates up to 48 fibers in 3U distribution frame and up to 144 fibers in 6U frame. This unit accepts 4, 6 or 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. Various types of splice trays, blocks of 4, 6 or 12 splice cassettes are located on a pullout shelf, allowing easy access to the buffer tube, fiber storage and splicing area.



## Features:

- Aluminium material providing low weight and shipping costs
- Up to 144 - fiber termination
- Splicing in single splice trays or in block of 12 cassettes
- Individual splice tray access
- Removable top and back cover allows unrestricted front, rear and top access
- Prewired CAPM cassettes include connectorized fiber pigtails and adapters
- Smoked plexiglass door and lock options are available
- Durable powder coat finish
- Labels provided to document splice and termination locations

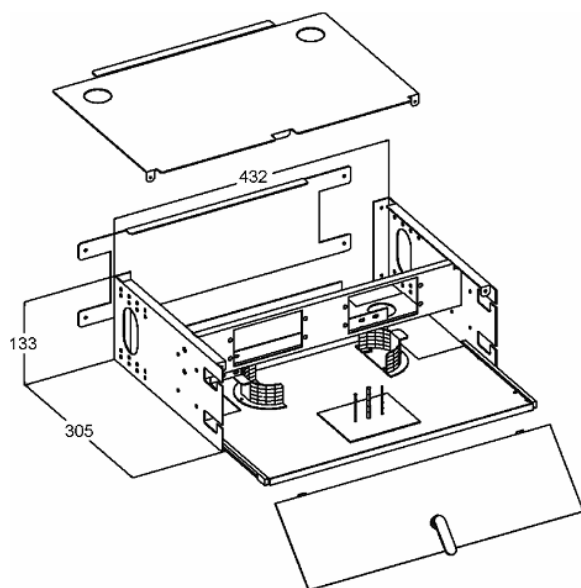
## Technical specifications:

PART NUMBER	RACK UNIT	DIMENSIONS (H x W x D) mm	SHIP WGT (kg)
MFDC-1	3U	133 x 432 x 305	1.9
MFDC-2	6U	267 x 432 x 305	2.9

MFDC-1 - typical fiber capacity							
Splice Tray	Max	Fibers	CNPM or CAPM*	Max		Fibers	
				MFDC-1S	MFDC-1E	MFDC-1S	MFDC-1E
KNS-12	4	48	CNPM-XX-06	4	6	24	36
BC4 (TC248S-4)	1	48	CNPM-XX-08			32	48
			CNPM-XX-12			48	NA
MFDC-2 - typical fiber capacity							
			MFDC – 2S				
KNS-12	12	144	CNPM-XX-06	12		72	
BC6 (TC248S-6)	1	72	CNPM-XX-08			96	
BC12 (TC248S-12)	1	144	CNPM-XX-12			144	

\*) Note: CNPM coupling panel (according to CMS\_24-01\_EN-CNPM)  
CAPM prewired cassette with pigtails and adapters (CMS\_22-01\_EN-CAPM)

## Product information and specification



MFDC-1S-04-024-SC A-LM

### Ordering Code:

MFDC - XX - X - XXX - XX X - XX

#### Version

**1S** 3U, 4 CNPM panels  
**1E** 3U, 6 CNPM panels  
**2S** 6U, 12 CNPM panels

#### Number of Splice Trays\*

**0-12** Number of splice trays  
**BC4** Block of 4 splice trays (MFDC-1)  
**BC6** Block of 6 splice trays (MFDC-2)  
**BC12** Block of 12 splice trays (MFDC-2)

**Fiber Capacity**  
006 – 144 Fibers



lock



plastic latch

#### Front Door Option

**LM** Metal door-lock  
**ZM** Metal door-latch  
**LP** Smoked plexi door-lock

#### Applications

**M** Multimode  
**S** Singlemode  
**A** APC applications

#### Coupling Type

**ST** ST adapter  
**SC** SC adapter  
**FC** FC adapter  
**E2** E2000 adapter  
**DSC** SC duplex adapter  
**DLC** LC duplex adapter  
**MU** MU adapter  
**MJ** MT-RJ adapter

\*) Note:

Splice trays according to datasheets:

1. CMS\_01-09\_EN-KNS\_Splice\_trays
2. CMS\_21-01\_EN-2S-TC\_Splice\_trays