

Rack Mount MFDC – Splice and Termination Cabinet

Description:

The MFDC Cabinets 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. Various types of splice trays, blocks of 12 splice cassettes 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 shipping costs
- Accommodates up to 144 fiber splices
- 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 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 (H x W x D) mm	SHIP WGT (kg)	Purpose
MFDC	6U	267 x 432 x 305	2.9	Splice & termination

Equipment parameters

Cassette type	Number of cassettes	Splicing capacity
Cassettes KNS-12S ¹	12	144
Block of cassettes TC-248S ¹	1	144

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

Note: 1) kindly see datasheet CMS_21-01_EN-Splice trays
2) when duplex adaptors are used

Product information and specification:



Closed frame with plastic door and keys



Grounding wiring detail

Ordering Code:

MFDC - **X** - **XXX** - **XX(F)¹-X** - **XX** - **/(G)² - (UHV)³**

Version	
MFDC	Standard 12x panels, sliding shelf, cassettes

Front Door Option	
LM	Metal door – lock
ZM	Metal door – latch
LP	Plastic door – lock
ZP	Plastic door – latch

X - Number of Splice Trays	
2, 4, 6, 8, 12	Number of splice trays KNS-12S
BC6	Block of 6 splice trays TC248S
BC12	Block of 12 splice trays TC248S

Applications	
M	Multimode
S	Singlemode
A	APC applications



Key lock(LM)

Metal latch(ZM)

Fiber Capacity
000 – 144 Fibers

Coupling Type	
ST	ST adapter
SC(F)	SC adapter
FC	FC adapter
E2(F)	E2000 adapter
DSC(F)	SC duplex adapter
DLC(F)	LC duplex adapter
DE2(F)	Duplex E2000
MU	MU adapter
MJ	MT-RJ adapter

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