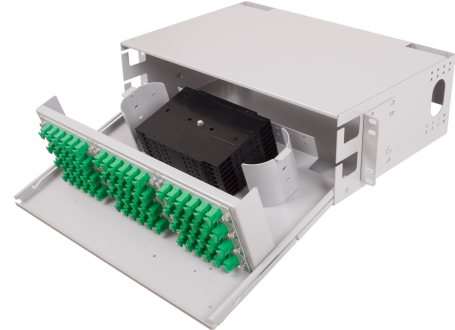# OFDU-TS Rack Mount Splice and Termination Cabinet

Description:

The OFDU-TS cabinet is based on universal optical distribution frames. The unified modular system enables easy reconfiguration and can be extended according to operator needs. The OFDU-TS provides splicing and termination within one convenient housing unit. The OFDU-TS terminates up to 192 fibers in a 3U distribution frame. This unit can take up to 12 snap-in coupling panels or prewired cassettes. The slide-out and swing down shelf enables unrestricted front, rear and top access to the splicing area and termination panels. Various types of splice trays can be used.

Features:

- Splicing and termination in one cabinet
- Slide-out and drop down shelf
- Aluminium alloy material-low weight and shipment costs
- Up to 192 - fiber termination
- Splicing in single splice trays, individual splice tray access
- Removable top and back cover enables unrestricted front, rear and top access
- For FTTH use - microtube holder included
- Prewired CAPM cassettes include connectorized fiber pigtails and adapters
- Lockable or latch door options are available
- Durable powder coat finish light grey colour (RAL 7038, RAL 9006)

Specifications:

PART NUMBER	RACK UNITS	DIMENSIONS (H x W x D) mm	SHIP WGT (kg)
OFDU-TS2	2U	88 x 432 x 305	1.5
OFDU-TS3	3U	133 x 432 x 305	1.9

OFDU-TS2 - typical fiber capacity

Splice Tray1	Max	Fibers	CNPM2 or CAPM3	Max	Max.fibers
KNS-12S	6	72	CNPM-XX-06	6	36 (72)4
			CNPM-XX-08		48 (96) 4

OFDU-TS3 - typical fiber capacity

KNS-12S	12	144	CNPM-XX-06	12	72 (144)4
			CNPM-XX-08		96 (192)4

Note:
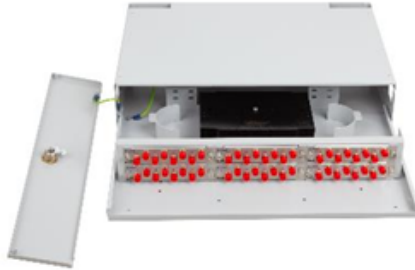1) Splice trays datasheet: CMS_01-09_EN-KNS Splice_trays
2) CNPM coupling panel datasheet: CMS_24-01_EN-CNPM
3) CAPM prewired cassette with pigtails and adapters : CMS_22-01_EN-CAPM

4) Fiber capacity depends on connector adaptor type, e.g. in the case DSC and DLC it is double capacity. (If we use slimmer splice protections P-B-40 so we can place two splices to one groove in the splice holder.)

   -- GK – Grounding Kit – Protection grounding wires installed, see datasheet: CMS_01-02_EN-accessories

   -- Full list of optional accessories including Vertical unit holder UHV-X, see also datasheet: CMS_01-02_EN-accessories
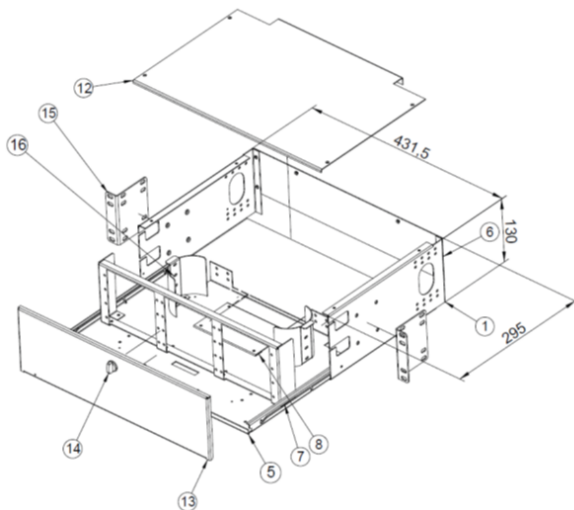

HINGED Cassette montage

OFDU-TS2-4-48-FC S-ZM/G

Detail of grounding

Parts which are available separately:

1	OFDU-BU-X	base unit
5	OFDU-SS	sliding shelf
6	OFDU-RC-X	rear cover
7	OFDU-CP-X	connector panel
8-11	OFDU-CH-X	cassette holder
12	OFDU-TC	top cover
13	OFDU-DM-X	front door metal (plexi)
14	Key lock / latch	
15	UH-X	unit holder
16	BRP	bend radius protection

X=2,3 – rack unit

Bottom cassette is mounted to cassette holder by screws, next cassettes can be browsed by using hinges

Ordering code:

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

Version
OFDU-TS2	2U
OFDU-TS3	3U

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

Number of Splice Trays
1-12	Number of Splice Trays

Coupling Type — **Applications**
ST	ST adapter	**M**	Multimode
SC(F)	SC adapter	**S**	Singlemode
FC	FC adapter	**A**	APC
E2(F)	E2000 adapter	**x**	No adapters
DSC(F)	SC duplex adapter		
DLC(F)	LC duplex adapter		
DMU(F)	MU duplex adapter		
MJ(F)	MT-RJ adapter		
DE2(F)	E2000 duplex		

Fiber Capacity
006 – 192	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

Key lock

Metal latch

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