

FP – Front Panel

Description:

The **FP** front panel introduces a low cost solution for fiber optic cable termination. The modular design can accept wide range of optical fibers capacity with various connector types.

Features:

- Modular design
- 1U or 2U version
- Connector panels or brush entry

Applications:

- Rack-mount, 19", 21" or 23"
- OPTOKON Cable Management System



Technical data:

PART NUMBER	FIBER CAPACITY	RACK UNITS	DIMENSIONS (HxWxD) mm	SHIP WGT (kg)
FP-1S, FP-1E	up to 36	1	44 x 432 x 10	0.3
FP-2S, FP-2E	up to 72	2	88 x 432 x 10	0.8

Ordering Code:

FP - XX - XX - XX(F)¹ X

Version

1S, 2S Standard panel
(2 panels per 1U)
1E, 2E Extended panel
(3 panels per 1U)

10, 20 Blank panel 1U, 2U

Fiber Capacity 12, 24, ..fibers

Coupling Type

XX		X
ST	ST	M Multimode
SC(F)	SC	S Singlemode
FC	FC	A APC
	LSH	
E2(F)	(E2000)	
MJ	MT-RJ	
DSC(F)	duplex SC	
DLC(F)	duplex LC	
MU(F)	MU	

Note: 1) "F" – fixed adaptors by screws

Example of application:



OFMP - Fiber Management Panel

Description:

The **OFMP** is a rack mountable panel with brackets for easy vertical cable routing.

Features:

- Made from lightweight aluminium alloy
- 5 cable brackets 40x50 mm

Application:

- OPTOKON Cable Management System
- Rack-mount, 19"



Technical data:

PART NUMBER	RACK UNITS	BRACKET DIMENSIONS	SHIPPING WEIGHT (kg)
OFMP-1U	19"	40 x 50 mm	0.4

Ordering Code: OFMP-1U

MK-1 – Mounting Kit

The **MK-1** Mounting kit contains:

8x cable tie 100 x 2.5 mm
2x cable tie 190 x 4.8
4x cable guide
0.8 m wrapping spiral 6/8
0.8 m wrapping spiral 10/11
Manual

Ordering Code: MK-1



MK-2 – Mounting Kit

The **MK-2** Mounting kit contains:

8x cable tie 100 x 2.5 mm
2x cable tie 200 x 4.6 with the narrower profile (designed for TMVJ, ZMPJ cabinets)
4x cable guide
0.8 m wrapping spiral 6/8
0.8 m wrapping spiral 10/11
Manual

Ordering Code: MK-2

UHV – Vertical Unit Holder

Description:

The **UHV** unit holder combines the standard unit holder and patchcord organizer thus allowing vertical cable organization.

Features:

- Made from lightweight aluminum
- Brackets for cable arrangement

Application:

- OPTOKON Cable Management System



Ordering Code:	UHV - 1	1U cabinet (MCNP)
	UHV - 2	2U cabinet (OFDU-2X series)
	UHV - 3	3U and 6U cabinet (MCNP, MFDC)

UH-X – Unit Holder

Description:

The unit holder is designed to hold whole ODF in the 19" rack

Ordering code:

UH – 1	set for mounting 1U ODF to rack
UH – 2	set for mounting 2U ODF to rack
UH – 3	set for mounting 3U/6U ODF to rack



CH-X – Cable Holder

Description:

The cable holder is designed to ensure right position of cable inside ODF

Ordering code:

CH-1	– OFDU-2 series
CH-2	– MFDC series



Splice trays

Description:

The splice trays are designed for installation into the OPTOKON system of optical rack mount distribution frames and wall mount optical boxes. The splice trays are equipped with fixed internal fiber bend radius protectors, which allow storage and organization of spare fiber, both primary 250 μm and 900 μm coating. The *KNS-SH-D* splice holders can be used in the splice cassettes, designed for standard heat shrinkable protection sleeves. The capacity depending on outer diameter of protection sleeves after heating is 6 to 12 splices.

The **KNS-12S** stackable series allows installation hinges at the sides of the cassette, which are designed for opening the block of cassettes and enabling easy access to the spliced fibers during fiber optic systems operation.

Example of splice tray

KNS-12S

Stackable splice cassette, removable and changeable splice holders

Storage capacity: 12, up to 24 fibers

Dimensions: 170 x 116 x 8 mm

Material:

Standard: Splice holder KNS-SH-D
(2 pc, Heat-shrink)
Cable tie (4 pcs)

Options: Lid KNS-12S-L, hinge, fiber guide,
splice holder



Example of use



Cassettes mounted to ODF

Detail informations are in the datasheet:

CMS_01-09_EN-KNS Splice trays

Heat shrink tube

Description:

Keep optical transmission performance of optical fiber and provide safe protection to optical fiber splicing. Standard sleeves are constructed with a stainless steel strength member, polyolefin copolymer inner tube and a polyolefin outer tube.

Basic types are **P-B-60**, **P-B-40**, etc.

Detail informations are in the datasheet:

PSL_01-04_EN-Prot-Sleeves_P-series



GK- Grounding Kit

Description:

Grounding kit is designed for ensuring proper conductive connection of all ODF metal parts with grounding rod to prevent even dangerous difference of potential and consequently to avoid human injury or device damage...

Due to this reason, there is a possibility to provide grounding wires by using **/G** option in ordering code of ODF

Product number:

GK-1 – Optional for cabinet OFDU, MFDC, MCNP, TMVJ

