



# FPS-1HU/2HU

## Front patching shelf with/without patchcord storage provision

The front patching shelf FPS-1HU/2HU is a multi-purpose mechanical shelf assembly for a fiber management system in a rack environment. It is typically designed for use in 19" equipment racks.

Two versions are available

- The 1HU for splicing cable and terminating it on a front patch panel
- The 2 HU including the 1HU front patch subrack and underneath a patchcord storage basket.

The unit has the following features

- 19" size: suitable for any 19" electronic equipment rack.
- Accommodates up to 24 standard or 48 small form factor connectors on the shelf front. Different connector types can be mixed in the same shelf.
- The storage basket of the 2HU version eliminates patchcord management problems in equipment racks. It includes 12 separate storage compartments.
- Mounting brackets can be installed at different positions to result in back or front mounting or somewhere in between.
- Proven FOSC tray splicing concept ensures bend radius protection and solutions for all types of fibers and splice protectors (SMOUV-ANT).
- Shelf can be delivered with pigtailed and connector adapters in the kit.

## Dimensions and capacity

Dimensions (mm)	FPS-A	FPS-B	The shelf is painted (powder coated) in light grey (RAL 7035).
Height	88	44	
Width (with/without mounting brackets)	481/444	481/444	
Depth	280	280	
Splicing cable to pigtails			
Number of splicing trays	Max. 2	Max. 2	
Number of standard/SFF* connectors	24/48	24/48	
Patchcord overlength storage			
2.4 mm patchcords	24 x 2m	-	

\* SFF = small form factor connectors, for example LC.

## Ordering information

**FPS - X - X - XX - X - XXX - XX**

### Chassis type

- A** 19" - 88 mm high (2HU) incl. 1HU splice/patch shelf and 1HU patchcord storage unit and hingeable metal cover
- B** 19" - 44 mm high (1HU) incl. 1HU splice-patch shelf without front cover

### Quantity of splicing trays

- N** (None), 1 or 2  
(1 tray can store up to 24 splices (250µ-250µ))

### Quantity of splice protectors

- N** (None), 12, 24 or 48 (for LC or MU only)

### Type of splice protector holder/include pigtails or not

	Secondary coated pigtails included	Splice protector holder
<b>N</b>	-	-
<b>E</b>	No**	SMOUV*
<b>F</b>	No**	ANT
<b>G</b>	No**	RECORDsplice
<b>I</b>	Yes	SMOUV*
<b>J</b>	Yes	ANT
<b>K</b>	Yes	RECORDsplice

### Number of pigtails and/or connector ports in the kit

- O** (None)
- 12**
- 24**
- 48** (for LC or MU only))

### Connector adapter with retainer

**NN** No connectors/pigtails

Min.return loss	SC	FC	E2000	LC	DIN	ST	MU
<b>Single mode standard</b>							
45 dB (PC)						D0	T0
50 dB (UPC)	S1	F1		L1			U1
60 dB (APC 8°)	S2	F2	E9	L2			
60 dB (APC 9°)	S3						
<b>Single mode low loss</b>							
50 dB (UPC)	S6						
60 dB (APC 8°)	S7		E8				
60 dB (APC 9°)	S8						
<b>Single mode consumer grade</b>							
50 dB (UPC)	SC	FC		LC			
60 dB (APC 8°)	SD	FD		LD			
<b>Multi mode</b>							
50/900 µ	S5D	F5D	E5D	L5D		T5D	
62.5/900 µ**	S5E	F5E	E5E	L5E		T5E	

## Consumables and accessories

FIST-RET-05-50-S6080	50 blind retainers
FIST-MB2-1HU-M	ETSI mounting brackets to allow installation in ETSI rack
FPS-TRAY-1-S24	Splicing tray with SMOUV splice holder
FPS-TRAY-1-A24	Splicing tray with ANT splice holder

\* Heat-shrinkable splice protectors (SMOUV) included

\*\* In case of adapters only (no pigtails included) use S5D, F5D, E5D, L5D or T5D.

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