



# FOMS-FPS

## Front patching/splicing shelf

The front patching/splicing shelf, FOMS-FPS, is a multi-purpose mechanical shelf assembly for a fiber management system in a rack environment. Its compact design and high-density capacity allow the FOMS-FPS to deliver carrier-class fiber management to central offices, POPs, FTTx, mobile systems and LANs.

Two versions are available

- Patching only
- Patching & splicing to terminate loose tube, central core, IFC and ribbon cables

The unit has the following features

- 19" size: suitable for any 19" electronic equipment rack (also compatible with ETSI, 23" or Tyco Electronics GR2 and UR using adaptation brackets).
- 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.
- Pivoting tray allows easy access to the interior of the shelf, even when equipment jumpers have been installed.

- Angled connector patch panel reduces the risk of eye damage and ensures a positive fiber management for the equipment jumpers.
- Restricted depth guarantees optimum access to the back for cable termination.
- An optional transparent cover will protect the equipment jumpers if open frames without front doors are used.
- Repair facility when terminating IFC cable.
- Mounting brackets can be installed at the front or back of the shelf.
- Trumpet to protect the incoming pigtails at the side or the back of the shelf.
- 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 pigtails and connector adapters in the kit.
- Shelves with integrated passive components (splitters, WDMs,..) available on request.

## Dimensions and capacity

	19"
<b>Dimensions (mm)</b>	
Height	44
Width	481
Depth (incl. cover)	280
Depth	220
<b>Splicing cable to pigtails</b>	
Number of splicing trays	2
Number of connectors	24
Number of SFF connectors	48

The shelf is painted (powder coated) in light gray (RAL 7035).

# FOMS-FPS - X - X X XX - XX

### Chassis type

O 19" - 44 mm high

### Shelf type

P Patching only (jumpers, break-out cable)  
S Splicing and patching (loose tube cable, ribbon, IFC)

### Tray type/pigtails

Secondary coated pigtails included	Splice protector	Jumpers leave shelf	
		Right front	Left front
Not applicable (patching only)		N	M
No	SMOUV*	E	G
No	ANT*	F	H
Yes	SMOUV*	I	K
Yes	ANT*	J	L

\* Splice protectors not included in the kit

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

## Consumables and accessories

FOMS-FPS-O-COVER	Protective transparent cover
FOMS-FPS-O-TRUMPET	Additional trumpet
FOMS-FPS-O-MB2-M	ETSI mounting brackets

For more information see the FOMS-FPS ordering guide

### Number of pigtails and/or connector ports

48 (for LC and MU only)  
24  
16 (not for LC and MU)  
12 (not for LC and MU)  
0

### 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	

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