



## 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 CommScope 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. FOMS-FPS Front patching/ splicing shelf
- 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.

# FOMS-FPS

## Front patching/splicing shelf

### Dimensions and capacity

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

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

### Ordering Information

## 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)
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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