



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"
Dimensions (mm)	
Height	44
Width	481
Depth (incl. cover)	280
Depth	220
Splicing cable to pigtails	
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

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TC 572/DS/6 08/07

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
Single mode standard							
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						
Single mode low loss							
50 dB (UPC)	S6						
60 dB (APC 8°)	S7		E8				
60 dB (APC 9°)	S8						
Single mode consumer grade							
50 dB (UPC)	SC	FC		LC			
60 dB (APC 8°)	SD	FD		LD			
Multi mode							
50/900 μ	S5D	F5D	E5D	L5D		T5D	
62.5/900 μ**	S5E	F5E	E5E	L5E		T5E	



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