



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 | <input type="radio"/> 19" - 44 mm high |
| Shelf type | <input type="radio"/> Patching only (jumpers, break-out cable) <input type="radio"/> Splicing and patching (loose tube cable, ribbon, IFC) |
| Tray type/pigtails | |
| Secondary coated pigtails included | Splice protector |
| Not applicable (patching only) | |
| No | SMOUV* |
| No | ANT* |
| Yes | SMOUV* |
| Yes | ANT* |

| | |
|--|----------------------|
| 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 | |

| Tray type/pigtails | 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 |

| 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 | |

* 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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