1U 96-Fiber Sliding MPO-to-LC Patch Panel

19-inch rack mount | 4 x 24F MPO-to-LC cassettes | Front-access sliding drawer

The Spring Optical 1U sliding patch panel distributes MPO trunk fibers to front-facing LC connections. The pull-out drawer provides access for cassette patching, inspection and optional fusion-splice management.



Drawer extended



Drawer closed

PRODUCT FEATURES

- Four modular cassette positions
- Cold-rolled steel enclosure with grounding point
- Dual cable entries and exits with NBR grommets
- Internal fiber guides maintain a 40 mm minimum bend radius

TECHNICAL SPECIFICATIONS

Parameter	Specification
Rack mount / chassis dimensions	19-inch, 1U / 440 x 300 x 44 mm (L x W x H, chassis)
Net weight	4.1 kg
Maximum capacity / cassette configuration	96 fibers / 4 x 24F MPO-to-LC cassettes
Housing	1.0 to 1.1 mm cold-rolled steel
Cable entry / exit	2 entries and 2 exits with oil-resistant NBR rubber seals
Minimum fiber bend radius	40 mm
Reserved fiber length per tray	≥ 1.6 m
Splice tray option	Stacked trays, up to 24 fibers per tray
Additional loss attributed to splice tray	0 dB (tray only)
Mechanical values listed	500 N lateral pressure / 750 N vibration resistance
Operating temperature	-40 °C to +60 °C
Listed standard / compliance	YD/T 925-1997 / RoHS / ISO 9001

APPLICATIONS & ORDERING

Data center cross-connects, telecom equipment rooms, and FTTH/FTTx backbone termination. Specify fiber type, connector configuration and MPO polarity when ordering. MPO adapter panels, LC/SC modules and splice trays are configuration options.