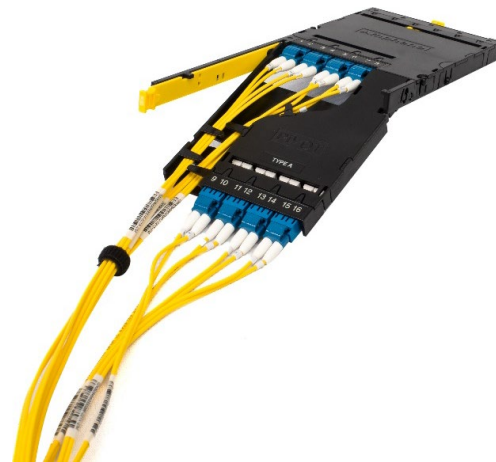


Very-High Density Fiber Connectivity for Next-Generation Data Centers

The PIVOT™ (patent pending) fiber distribution panel redefines rack-mount density by exceeding the long-standing 144-LC-per-RU threshold. Its patent-pending pivoting module architecture supports **up to 192 LC or 96 MPO ports in 1RU**, delivering a 33% density increase over conventional high-density panels while maintaining full serviceability.

Engineered for hyperscale, cloud, and AI-driven networks, PIVOT organizes connectors into structured groups of four MPO or eight LC interfaces—ideal for parallel-optics deployments and spine-leaf switching fabrics. The platform is also **fully compatible with VSFF connector interfaces such as MMC and SN-MT**, enabling seamless integration with next-generation compact fiber systems.



MPO Pivot Module in the Access Position

A dual-row pivoting module design places a forward connector row in front of a recessed center row. For maintenance, the front row pivots downward to expose the center row, ensuring unobstructed access for inspection, cleaning, and mating—critical for sustaining optical performance at high bandwidths. Each module is mounted on a sliding service tray, combining pivot-and-slide motion to provide clear working access without disturbing adjacent circuits.

By uniting record-setting density, structured parallel-optics organization, and service-friendly mechanics, PIVOT enables operators to scale fiber capacity efficiently while preserving operational reliability. Its support for VSFF interfaces and high-density MPO architectures makes it ideal for **current 400G/800G deployments** and fully **future-ready for 1.6T and 3.2T** network generations.

Specifications

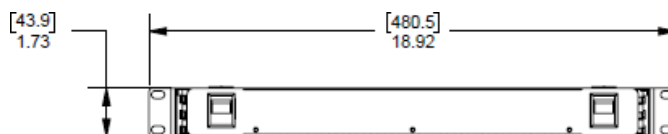
Specifications	
Dimensions	1.73" Height, 17.0" Width, 23.6" Depth
Mounting	19" EIA Rack Standard 1RU
Weight	8.85 lbs. empty panel
Module Capacity	12 modules per Rack Unit

Capacity

Connector Interface	Industry Standard	PIVOT™
SC	72	96
LC	144	192
MPO8	576	768
MPO16	1152	1536
MDC/SN	288	384
MMC/SNMT16	2304	3072



Pivot Panel with Modules



Panel Dimensions — [mm] / in.

Product Images



Pivot VHD Panel



LC Patch Pivot Module



MPO Patch Pivot Module



MPO Breakout Pivot Module



SC Pivot Module



VSFF Pivot Modules