



FotonShield HD Cassette Type Fiber Patch Panel (Empty), 19" 2RU - Fits 12 x 24F LC Cassettes with Front & Rear Organizer



Applicable Standards

- **ANSI/TIA-568.3-E**: Details performance and technical criteria for optical fiber cabling systems.
- **ISO/IEC 11801** : Generic Cabling for Customer Premises
- **RoHS & REACH Compliant** : Environmental Safety Standards
- **UL 94 V-0** : Flame Retardant Requirements

Product Part Number

N171.HDEM21224BK

Product Description

The **FotonShield HD Cassette Type Fiber Patch Panel** is a high-density **2RU, 19-inch** rack-mountable solution designed for fiber optic access networks that require maximum capacity and organization. This patch panel supports **12 x 24F LC cassettes** (ordered separately), providing a total fiber capacity of **288 fibers** while maintaining a compact footprint. Equipped with front and rear removable cable management organizers, the panel ensures structured fiber routing, ease of maintenance, and optimal cable protection. Its modular design allows for quick installation and scalability, making it an ideal solution for data centers, telecom networks, and enterprise structured cabling systems. Constructed from high-quality **galvanized sheet metal** with a **UL 94 V-0 flammability rating**, this panel is engineered for durability, fire resistance, and long-term reliability in high-performance network environments.

Product Features

- **Ultra-High-Density Fiber Solution** : Supports 288 fibers using 12 x 24F LC cassettes (ordered separately).
- **Front & Rear Cable Management** : Ensures structured fiber routing and easy maintenance.
- **Modular & Scalable Design** : Allows for quick deployment and future network expansion.
- **Compact 2RU Size** : Saves rack space while maximizing fiber capacity.
- **Heavy-Duty Build** : Galvanized sheet metal construction for enhanced durability.
- **Fire-Resistant Build** : Certified UL 94 V-0 for superior safety.
- **Optimized for 19" Racks** : Ideal for data centers, telecom rooms, and high-density fiber applications.





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Material Specifications

Height	2U
Rack Compatibility	19-inch standard rack
Dimensions (HxDxW)	Shorter Version : 88 x 187.4 x 481 mm
	With Rear Organizer : 88 x 362 x 481 mm
	With Front & Rear Organizer : 88 x 462 x 481 mm
Cable Management	Front & Rear Organizers (Removable) included
Capacity	Up to 12 x 24F LC cassettes (288F total)
Material	Galvanized sheet metal
Color	Black
Flammability Rating	UL 94 V-0

Environmental Specifications

Operating Temperature Range	- 20°C to 70°C
Storage Temperature Range	- 20°C to 70°C

Ordering Information

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Shipping Information

Item	Dimension
Product	Width : 481 mm Height : 88 mm Depth : 462 mm

