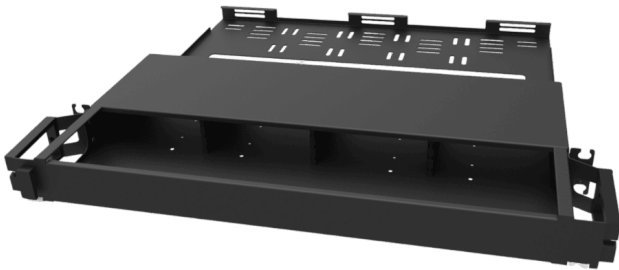




FotonShield HD Cassette Type Fiber Patch Panel (Empty), 19" 1RU - Fits 12 x 12F LC Cassettes with Front & Rear Organizer



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.HDEM11212BK

Product Description

The **FotonShield HD Cassette Type Fiber Patch Panel** is a high-density, rack-mountable solution designed to meet the growing demands of fiber optic access networks. Engineered for maximum fiber capacity, this 1RU **19-inch** patch panel accommodates **up to 12 x 12F LC cassettes** (ordered separately), providing a total capacity of **144 fibers**. This patch panel is equipped with both front and rear cable organizers, ensuring superior cable management and a clean, professional setup. The modular and removable cable management design allows for easy customization, facilitating seamless fiber routing, maintenance, and scalability. Constructed from high-quality galvanized sheet metal with a **UL 94 V-0 flammability rating**, the panel is built for durability and fire resistance, making it an ideal solution for data centers, telecom facilities, and enterprise networks.

Product Features

- **High-Density Fiber Solution** : Supports 144 fibers with 12 x 12F LC cassettes (ordered separately).
- **Front & Rear Cable Management** : Ensures structured fiber routing and easy maintenance.
- **Modular & Removable Organizers** : Flexible design allows customized cable management.
- **Compact 1RU Design** : Saves rack space while offering maximum fiber capacity.
- **Robust Construction** : Built from galvanized sheet metal 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	1U
Rack Compatibility	19-inch standard rack
Dimensions (HxDxW)	Shorter Version : 44 x 187.4 x 481 mm With Rear Organizer : 44 x 362 x 481 mm With Front & Rear Organizer : 44 x 462 x 481 mm
Cable Management	Front & Rear Organizers (Removable) included
Capacity	Up to 12 x 12F LC cassettes (144F 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

N171.HDEM11212BK	FotonShield HD Cassette Type Fiber Patch Panel (Empty), 19" 1RU - Fits 12 x 12F LC Cassettes with Front & Rear Organizer, Black
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Shipping Information

Item	Dimension
Product	Width : 481 mm Height : 44 mm Depth : 462 mm

