



# FotonShield HD Cassette Type Fiber Patch Panel (Empty), 19" 4RU - Fits 36 x 16F 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.HDEM43616BK

## Product Description

The **FotonShield HD Cassette Type Fiber Patch Panel** is a high-density, **4RU** rack-mountable solution engineered for fiber optic access networks that require maximum fiber capacity and superior cable management. Designed to accommodate **36 x 16F LC cassettes** (ordered separately), this panel supports **576 fiber** connections while optimizing rack space efficiency. Featuring removable front and rear cable organizers, this panel ensures structured fiber routing, simplified maintenance, and enhanced cable protection. Its modular design allows for quick installation, scalability, and easy upgrades, making it a perfect fit for data centers, telecommunications networks, and high-performance structured cabling systems. Constructed from **galvanized sheet metal** with a **UL 94 V-0 flammability rating**, the panel delivers robust durability and fire resistance, ensuring long-term reliability in mission-critical environments.

## Product Features

- **Ultra-High-Density Fiber Solution**: Supports 576 fibers using 36 x 16F 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.
- **Space-Efficient 4RU Size** : Maximizes fiber capacity while optimizing rack space.
- **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	4U
Rack Compatibility	19-inch standard rack
Dimensions (HxDxW)	Shorter Version : 176 x 187.4 x 481 mm With Rear Organizer : 176 x 362 x 481 mm With Front & Rear Organizer : 176 x 462 x 481 mm
Cable Management	Front & Rear Organizers (Removable) included
Capacity	Up to 36 x 16F LC cassettes (576F 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 : 176 mm Depth : 462 mm

