



# FotonShield MPO Cassette, with 4 x MPO Adaptors Strip



## Applicable Standards

- IEC 61754-7 (MPO Connector)
- IEC 61300-3-35 (End-Face Cleanliness)
- RoHS and REACH

## Product Part Number

N172.MPOx4

## Product Description

The **FotonShield MPO Cassette** is a high-density pass-through module designed to accommodate **4 x MPO adaptor ports** in a standard cassette form factor. This cassette provides seamless MPO-to-MPO connectivity, making it ideal for data centers, enterprise networks, and high-speed structured cabling systems. With a modular plug-and-play design, it simplifies network expansions and upgrades while ensuring low insertion loss and optimal return loss for superior fiber performance. Built from **UL-94 V0 flame-retardant ABS + PC material**, it delivers excellent durability, impact resistance, and fire safety compliance.

## Product Features

- **4 x MPO Adapter Ports** : Enables MPO-to-MPO pass-through connections for structured fiber distribution.
- **Compact Standard Cassette Form Factor** : Designed for easy integration into fiber enclosures.
- **UL-94 V0 Flame-Retardant ABS + PC Housing** : High durability, impact resistance, and enhanced fire safety.
- **Plug-and-Play Modular Design** : Enables fast and easy deployment in high-density rack-mount environments.



## Material Specifications

Type	MPO Cassette with 4 x MPO Adapters
Housing Material	ABS + PC (UL-94 V0 Flame-Retardant)
Polarity	Pass-Through
Application	Data Centers, Enterprise Networks, High-Density Fiber Distribution, 40G/100G/400G Ethernet

## Environmental Specifications

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

## Ordering Information

N172.MPOx4	FotonShield MPO Cassette, with 4 x MPO Adaptors Strip
------------	---