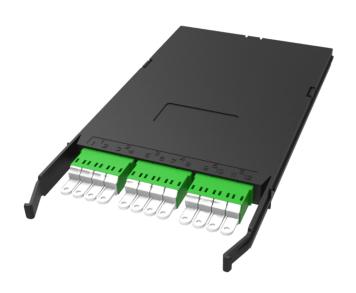


FotonShield LC Cassette, with 12 x LC/APC Pigtails, SM G.657A2



Applicable Standards

- IEC 61754-20 (LC Connector)
- IEC 61755-3-1 (APC End-Face)
- IEC 61300-3-35 (End-Face Cleanliness)
- · RoHS and REACH

Product Part Number

N172.12LCA5A2

Product Description

The FotonShield LC Cassette is a high-performance fiber termination module designed for efficient splicing, patching, and fiber management in data centers, enterprise networks, and telecom applications.

Preloaded with 12 LC/APC pigtails and 3 x LC/APC Quad adapters, this cassette ensures low insertion loss and high return loss, making it ideal for high-speed single-mode fiber applications. Built with bendinsensitive G.657A2 fiber, the cassette offers improved flexibility and reduced signal loss in tight bend scenarios. The compact, modular design allows for quick and efficient fiber deployment, while the UL-94 VO flame-retardant ABS + PC housing ensures durability, fire safety compliance, and long-term reliability in high-density environments.

Product Features

- Preloaded with 12 LC/APC Pigtails: Enables quick and efficient splicing for seamless fiber connectivity.
- G.657A2 Bend-Insensitive Fiber: Reduces signal attenuation in tight bends and enhances cable management.
- Low-Loss Fiber Connectivity: Factory-polished LC/APC connectors ensure high return loss and minimal insertion loss.
- UL-94 V0 Flame-Retardant ABS + PC Housing : Provides high durability, impact resistance, and fire safety compliance.
- Compact, Modular Design: Supports high-density fiber installations with easy rack integration.
- Compliant with Industry Standards: Ensures interoperability and reliable performance in missioncritical networks.





FotonShield LC Cassette, with 12 x LC/APC Pigtails, SM G.657A2

Material Specifications

Туре	LC Cassette with 12 LC/APC Pigtails
Fiber Type	Single Mode OS2 (G657A2)
LC Connector	Insertion Loss: <0.25 dB, Return Loss: APC >65dB
Adapter Type	Quad LC/APC
Housing Material	ABS + PC (UL-94 V0 Flame-Retardant)
Application	Data Centers, Enterprise Networks, FTTH, Telecom, Fiber Splicing

Environmental Specifications

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

Ordering Information

Pigtails)	N172.12LCA5A2	FotonShield LC Cassette, with 12 x LC/APC Pigtails, SM G.657A2 (1 Set of 12 Colored Pigtails)
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