

AOP-ODF-MS Modular MPO Cassette



MPO Series

- **Modular MPO cassette**
- **1 or 2 MPO/MTP adapters**
- **Compatible with OS2, OM3, and OM4 fiber applications**
- **High-impact ABS**
- **Removable adapter plate**
- **Factory-terminated internal fiber routing for simplified installation**

Ascent's AOP-ODF MPO Cassette is a compact, high-density fiber optic module designed to simplify MPO/MTP-based optical distribution in data centers, enterprise networks, telecommunications, and FTTx applications. Compatible with the Ascent Modular Optical Distribution Frame (ODF) Series, the cassette enables rapid deployment and efficient migration between backbone MPO trunk cabling and LC or SC fiber interfaces, providing a scalable solution for structured fiber cabling systems.

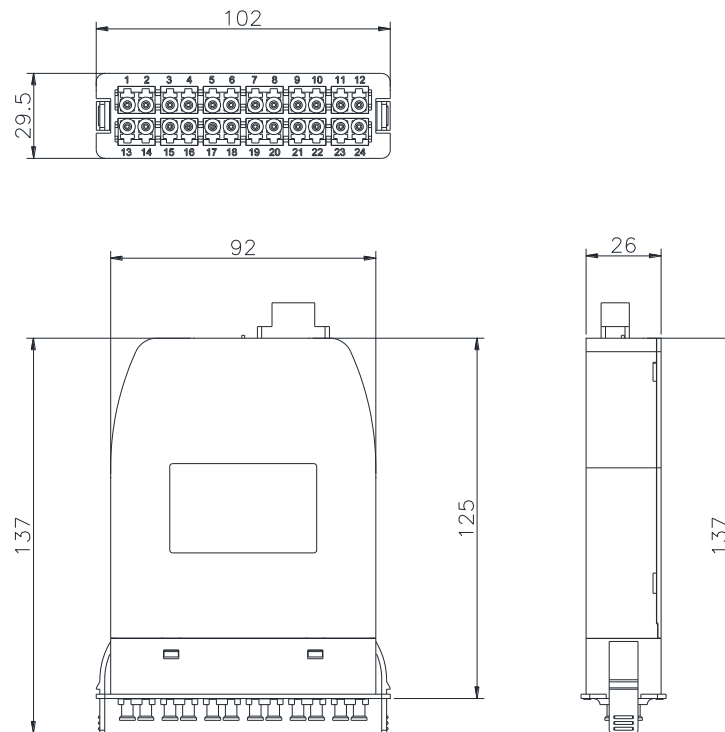
The cassette accommodates up to two MPO/MTP adapters and supports up to 12 duplex LC or 12 simplex SC adapters, providing a maximum capacity of 24 fiber connections within a compact modular enclosure. Constructed from high-impact ABS material, the cassette features a removable adapter plate and a translucent protective cover for easy fiber inspection while protecting internal fiber routing from dust and accidental damage.

The modular, tool-free design enables fast installation, replacement, and maintenance, minimizing network downtime. Designed for high-performance optical networks, the AOP-ODF MPO Cassette supports OS2, OM3, and OM4 fiber types and is available in multiple connector configurations to meet diverse application requirements. Its flexible modular architecture makes it an ideal solution for high-density fiber management, structured cabling, data center expansion, and next-generation optical network deployments.

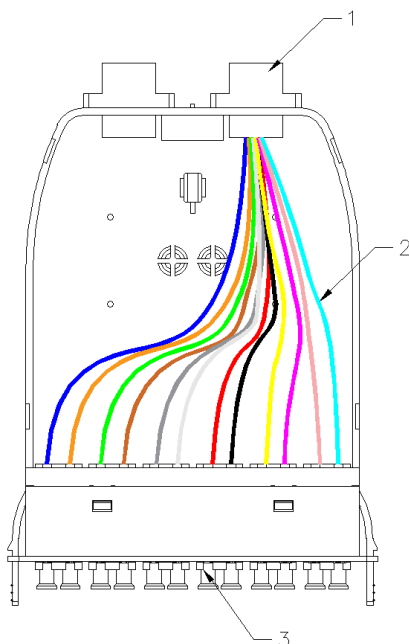
Key Features

- Modular MPO cassette for high-density fiber optic patch panels and ODF systems
- Supports 1 or 2 MPO/MTP adapters with up to 24 fiber connections
- Available with LC duplex or SC simplex adapter configurations
- Compatible with OS2, OM3, and OM4 fiber applications
- High-impact ABS housing with lightweight, durable construction
- Tool-free installation with press-lock design for quick deployment and maintenance
- Removable adapter plate for flexible connector configuration
- Translucent protective cover for convenient fiber inspection and enhanced protection
- Factory-terminated internal fiber routing for simplified installation
- Ideal for data centers, enterprise networks, telecommunications, and FTTx applications

Outline Diagram



Using Illustration



Item	Description
1	MPO Adapter
2	MPO-LC or MPO-SC Patch Cord
3	LC duplex adapter without flange or SC simplex adapter without flange

Product Configuration

Fiber Type	LC Duplex Adapter	Patch Cord	Adapter Plate
OS2(UPC)			
OS2(APC)			
OM3			
OM4			

Note: The standard color of adapter plate is black.

Product Images

OS2(UPC)



OS2(APC)



OM3



OM4



Ordering Information

Product Name

AOP-ODF-MS-MPO1-LC12-OS2-UPC

AOP-ODF-MS-MPO1-LC12-OM3-UPC

AOP-ODF-MS-MPO1-LC12-OM4-UPC

AOP-ODF-MS-MPO2-LC24-OS2-UPC

AOP-ODF-MS-MPO2-LC24-OM3-UPC

AOP-ODF-MS-MPO2-LC24-OM4-UPC

Product Description

AOP-ODF-MS Modular, 1 MPO Adapter, 6 duplex LC, 12 fibers, OS2, UPC

AOP-ODF-MS Modular, 1 MPO Adapter, 6 duplex LC, 12 fibers, OM3, UPC

AOP-ODF-MS Modular, 1 MPO Adapter, 6 duplex LC, 12 fibers, OM4, UPC

AOP-ODF-MS Modular, 2 MPO Adapter, 12 duplex LC, 24 fibers, OS2, UPC

AOP-ODF-MS Modular, 2 MPO Adapter, 12 duplex LC, 24 fibers, OM3, UPC

AOP-ODF-MS Modular, 2 MPO Adapter, 12 duplex LC, 24 fibers, OM4, UPC

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