

High Density Fiber Optic Patch Panel

ODF Series



- **19 inch rack mounted application**
- **Compatible with MPO/MTP cassette modules**
- **High-strength cold-rolled steel construction**
- **Smooth sliding drawer design for easy installation, maintenance, and fiber access**
- **Front and rear metal doors**

Ascent's AOP-ODF-MS-1U High Density Fiber Optic Patch Panel is a modular optical distribution frame designed for high-density fiber management in data centers, central offices, enterprise networks, and FTTx applications. Featuring a standard 1U 19-inch rack-mount design, the panel provides a compact, flexible, and scalable platform for fiber termination, cross-connection, and distribution while maximizing rack space utilization. It supports up to four MPO cassette modules, enabling a maximum capacity of 96 fiber connections within a single rack unit.

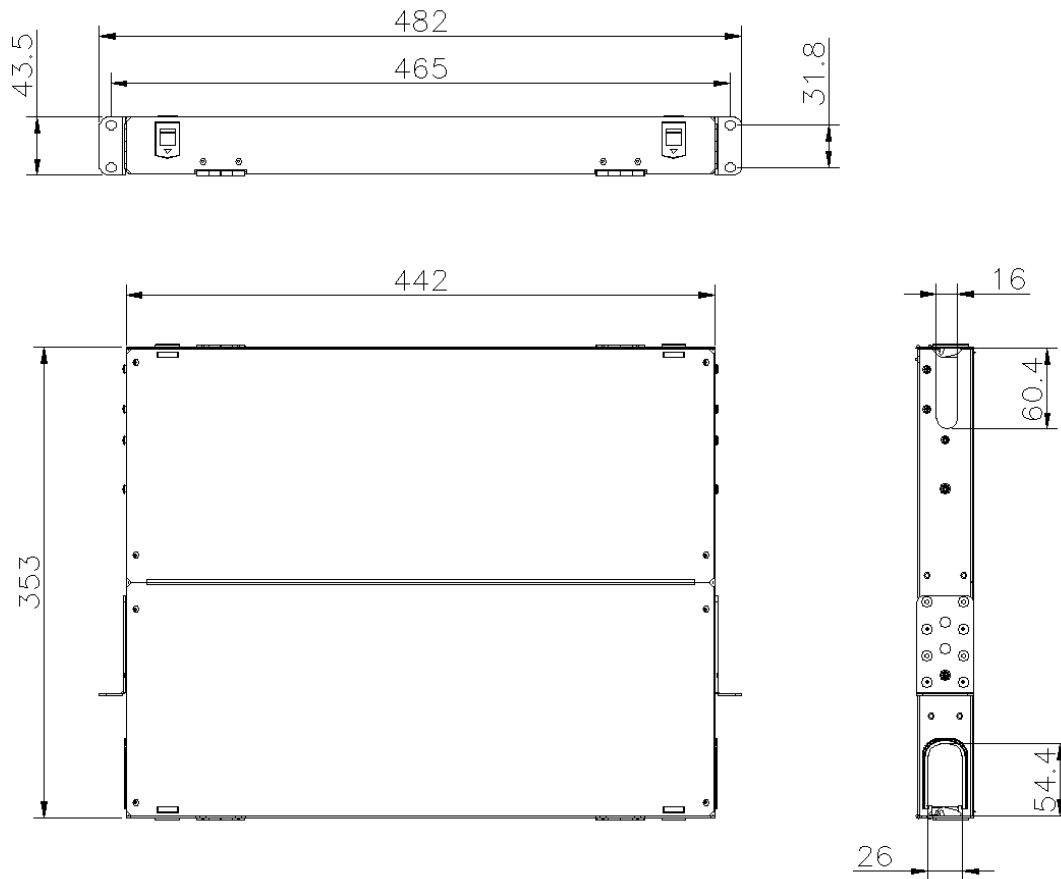
Manufactured from high-strength cold-rolled steel with a durable electrostatic powder-coated finish, the patch panel delivers excellent mechanical strength and corrosion resistance for long-term operation in demanding telecommunications environments. The smooth sliding drawer design provides convenient front access for installation and maintenance, while adjustable mounting brackets, integrated cable fixing kits, and front cable management rings ensure efficient cable routing and protection.

Designed for modern high-density optical networks, the AOP-ODF-MS-1U offers a reliable and cost-effective solution for structured fiber cabling, MPO migration, and high-capacity optical distribution. Its modular architecture simplifies future network expansion and supports rapid deployment in data centers, carrier networks, enterprise campuses, and broadband access infrastructures.

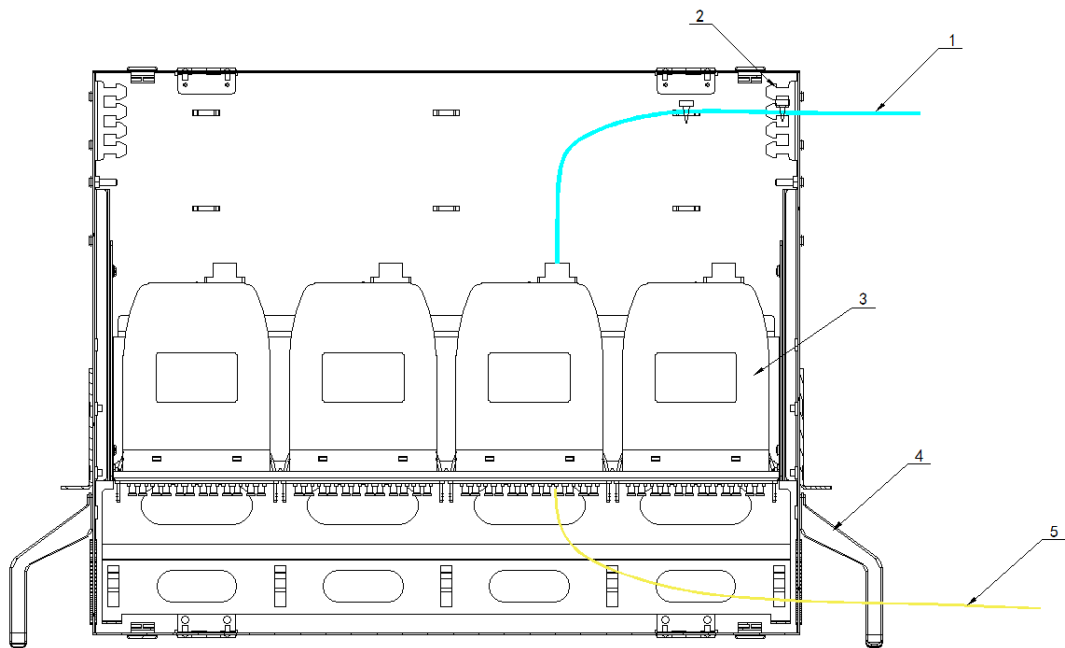
Key Features

- Standard 1U, 19-inch rack-mount design for high-density fiber management
- Supports up to 4 modular MPO cassette modules with a maximum capacity of 96 fiber connections
- Compatible with MPO/MTP cassette modules for flexible fiber deployment
- High-strength cold-rolled steel construction with durable electrostatic powder-coated finish
- Smooth sliding drawer design for easy installation, maintenance, and fiber access
- Integrated cable fixing kit and front cable management rings for organized cable routing
- Front and rear metal doors provide enhanced fiber protection and accessibility
- Ideal for data centers, enterprise networks, telecommunications, and FTTx applications

Outline Diagram



Using Illustration



Item	Description
1	MPO/MTP Patch Cord
2	Cable Fixing Kit
3	MPO Cassette AOP-ODF-MS-MPOX-LCXX-XX-XXX
4	Cable Management Rings
5	Fiber Optic Patch Cord

Accessories

Item	Name	Characteristics	Qty
1	Mounting Hanger	75*19.8*43.5mm	2pcs
2	Round Head Screw with Washer	M4*6/metal/Bright chrome	4pcs
3	Countersunk Head Screw	M4*8/metal/Bright chrome	8pcs
4	Plastic Cable Management Rings	ODF-PRS-1U/ABS/Black	2pcs
5	Nylon Cable Tie	3mm*120mm/white	10pcs

Ordering Information

Product Name	Product Description
AOP-ODF-MS-1U	AOP-ODF Module Shelf, 1U, Max capacity: 4 pcs Modular

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