

Next Step™ MPO Adapter Strip

Wirewerks™ Next Step™ solutions are high-density optical cabling solutions offering industry leading connector density, state of the art cable management and the flexibility of handling all installation methods.

Description

The Wirewerks™ Next Step™ MPO Adapter Strip accommodates up to four MPO connections for a potential of 96 fibers per adapter. When used with the Next Step™ 1U patch panel, a total of 1,152 fibers can fit neatly into a 1U rack space.

Next Step™ MPO Adapter Strips snap quickly into position using a sliding mechanism that is both fluid and robust. Each adapter strip is made entirely of high impact ABS thermoplastic and uses a proprietary footprint engineered to prioritize easy access in any Wirewerks™ Next Step™ housing.

Features and Benefits

Compatible with all Wirewerks Next Step™ products

Sliding mechanism from front or back of panel allows for quick and easy installation

Fiber capacity of 96 fibers per adapter strip using 24 fiber MPO/MTP connectors - 48

fibers per adapter strip using 12 fiber MPO/MTP connectors.

Cable management integrated into the strip

Made entirely of high impact, durable ABS plastic

Low insertion loss to minimize impact of loss budgets

Applications

Data centers

Storage Area Networks (SAN)

Structured cabling systems

LAN intrabuilding and interbuilding installations



Certification and Compliance

ANSI/TIA-942-A	Telecommunications Infrastructure Standard for Data Centers
ANSI/TIA-568-C.3	Optical Fiber Cabling Components Standard
TIA-604 series	Fiber Optic Connector Intermateability Standard
TIA-455 series	Standard Test Procedure for Fiber Optic Components
IEC 60874-1	Connectors for Optical Fibers and Cables – Generic Standard
IEC 61300 series	Fiber Optic Interconnecting Devices and Passive Components – Basic Test and Measurement Procedures
GR-326-CORE	Generic Requirements and Design Consideration for Fiber Distributing Frames.
UL 94	Tests for Flammability of Plastic Material for Parts in Devices
RoHS	Directive on Restriction of Hazardous Substances.

Ordering Information

Part Number	Description
NS-AS-WM 48	Next Step™ MPO Adapter Strip Module

Physical Characteristics

Parameter	Value
Adapter strip material	UL 94V-0 High-Impact ABS Thermoplastic
Overall dimensions	6.2 in (157 mm) x 4.3 in (109 mm) x 0.5 in (13 mm)

Mechanical Characteristics

Parameter	Value
Operating temperature	-40° C (-40° F) ~ 75° C (167° F)
Storage temperature	-40° C (-40° F) ~ 85° C (185° F)
Temperature cycling	-40° C (-40° F) ~ 75° C (167° F), 40 cycles = 0.2 dB change
High temperature	70° C for 96 hours = <0.4 dB change
Mating durability	500 mating cycles (cleaning every 25 matings) = <0.2dB change
Storage temperature	40° C (104° F) at 93% RH for 96 hours = <0.4 dB change