

MFP7E20-N0xx-AO

Up to 50m Mellanox® Compatible MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable

Features

- MPO Female Connectors
- 50/125 Patch cable
- LSZH
- Aqua Jacket Color
- OM4 Rated
- Insertion Loss $\leq 0.5\text{dB}$
- Return Loss $\geq 30\text{dB}$



Product Description

This is a Mellanox® compatible MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable. OM4 fiber optic cable is a high-performance multimode fiber optimized for high-speed data transmission, supporting up to 100G over distances of up to 150 meters. Ideal for data centers and large-scale network infrastructures, it delivers superior bandwidth and reliability for demanding business applications. LSZH (Low Smoke Zero Halogen) fiber cable jackets are designed to minimize toxic smoke and harmful emissions in the event of a fire, making them ideal for enclosed or high-traffic areas. These cables provide enhanced safety and environmental protection, making them a popular choice for businesses prioritizing workplace safety and eco-friendly infrastructure. The Standard Boot option provides reliable and straightforward connections for fiber cables, making it an economical choice for various networking applications. Ideal for businesses that require dependable performance without the complexity, this option ensures consistent data transmission in everyday network setups. Our cables are TIA compliant, ensuring performance for all networking needs.

Order Information

Part Numbers	Descriptions
MFP7E20-N002-AO	Mellanox® Compatible 2m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N003-AO	Mellanox® Compatible 3m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N005-AO	Mellanox® Compatible 5m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable

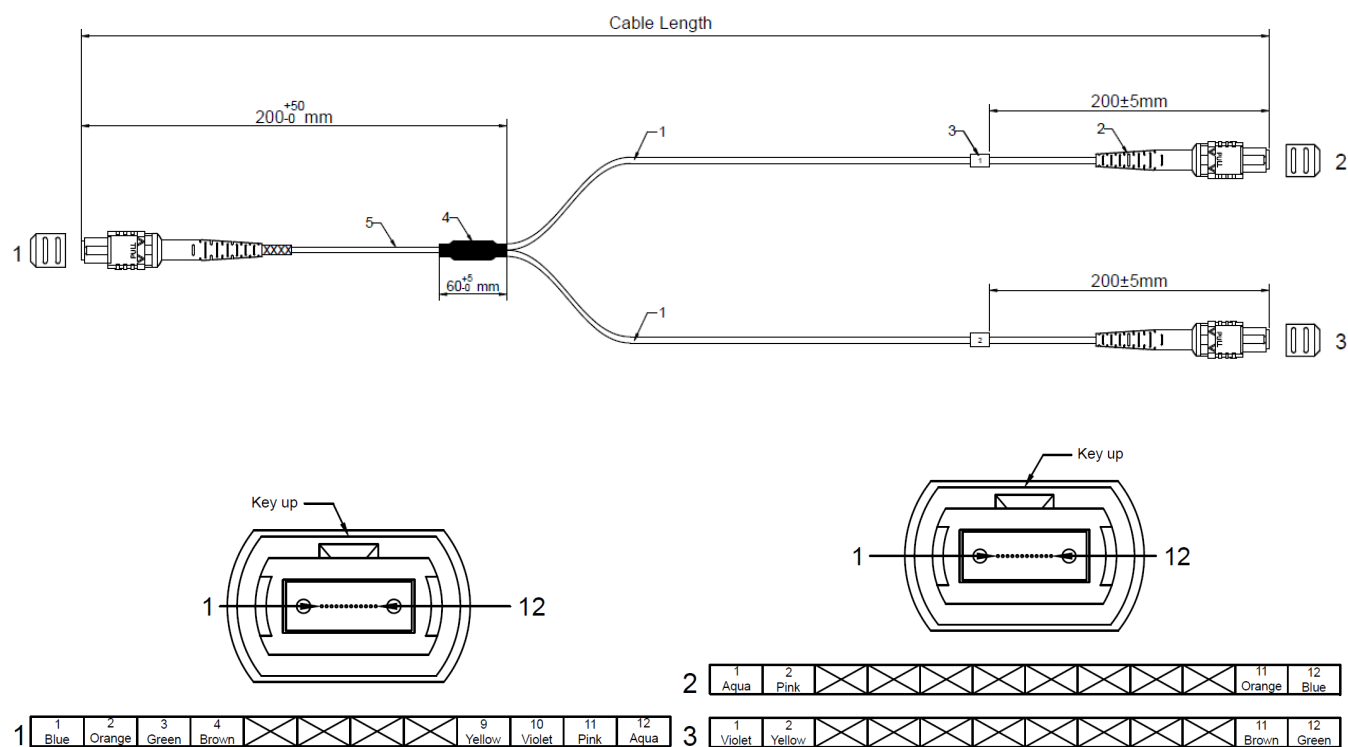
MFP7E20-N007-AO	Mellanox® Compatible 7m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N010-AO	Mellanox® Compatible 10m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N015-AO	Mellanox® Compatible 15m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N020-AO	Mellanox® Compatible 20m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N040-AO	Mellanox® Compatible 40m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N050-AO	Mellanox® Compatible 50m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable

Specifications

Parameter	Specifications
Environment	Indoor
Standard	OM4
Fiber Type	MMF
Connector	AMPO (Female) to 2AxMPO (Female)
Color	Aqua
Shielded	No
Strand Count	8
Cable Mode	Multiple
Jacket Type	LSZH
Termination Type	Crossover
Core/Cladding	50/125µm
Fiber Termination	APC - Angled Physical Contact
Polarity	Method B
Cable Type	OM4
Armored	No
Bend Insensitivity	G.657.A1
Connector 1 Ferrule Polish	APC (Angled Physical Contact)
Connector 2 Ferrule Polish	APC (Angled Physical Contact)
Insertion Loss Grade	Grade C
Fire Rating	General Purpose (OFNG)
Jacket Material	LSZH (Low Smoke Zero Halogen)
Outer Diameter	3.0mm

Connector 1 Boot Style	Standard Boot
Connector 2 Boot Style	Standard Boot
Connector 1 Color	Green
Connector 2 Color	Green
Insertion Loss	≤0.50dB
Return Loss	≥30dB
Cable Tolerance	
Cable Length <1m	5cm
1m≤ Cable Length <15m	10cm
15m≤ Cable Length <30m	15cm
Cable Length ≥30m	Cable Length* 1%

Mechanical Specifications



Item	Quantity	Specifications
1	A/R	2*OD: 3.0mm, Multi-Mode 50/125 OM4, Corning Fibers Micro Cable, LSZH, Color: Aqua
2	3	MPO/APC Female, MM, 12 Fibers, 3.0mm Connector, Green Housing, Black Boot
3	2	Channel Marker
4	1	Fanout Kit
5	A/R	OD: 3.0mm, Simplex, LSZH, Aqua Tube

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is ingrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.



U.S. Headquarters

Email: sales@addonnetworks.com

Telephone: +1 877.292.1701

Fax: 949.266.9273

Europe Headquarters

Email: salesupportemea@addonnetworks.com

Telephone: +44 1285 842070