

## MPO

### LinkIT MPO-A OM4 12c 1m

MPO Female - Femal | LSZH



Product number: LI-MPOOM4AFF-12C-001

## Product Description

The LinkIT MPO-A OM4 12c cable is a high-performance solution designed for modern data centers and network infrastructures, ensuring reliable and efficient high-speed connectivity.

This cable features 12 multimode optical fibers, providing robust support for high-bandwidth data transmission. It is optimized for 40G and 100G Ethernet applications, adhering to OM4 standards which guarantee superior signal integrity and performance. With a transmission range of up to 150 meters, it is well-suited for short to medium-distance connections.

The cable utilizes Type A polarity, offering a straight-through fiber mapping configuration. This ensures that fibers are aligned in a 1-to-1, 2-to-2 manner, simplifying integration with existing systems and maintaining consistent connectivity.

In terms of safety, the LinkIT MPO-A OM4 12c cable is fire-resistant and halogen-free. These features minimize smoke and toxic gas emissions in case of a fire, contributing to a safer data center environment.

## Main Specifications

<b>Brand</b>	LinkIT
<b>Color</b>	Magenta
<b>Length (m)</b>	1
<b>Category</b>	MTP/MPO
<b>Connector type 1</b>	MPO-Female A
<b>Connector type 2</b>	MPO-Female A
<b>Number of fibers</b>	12



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<b>Core Diameter (um)</b>	50/125
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## **Extended** Specifications

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<b>Optical Return Loss (dB)</b>	≥20
<b>Insertion Loss (dB)</b>	≤0.75
<b>Operating Temperature</b>	-20°C ~ +70°C
<b>Storage Temperature</b>	-20°C ~ +70°C
<b>Cable Diameter (mm)</b>	3
<b>Halogenfree</b>	✓
<b>Bending radius (mm)</b>	Dynamic; 30D, Static; 15D
<b>Certifications</b>	CE, REACH, RoHS

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## **Single** packaging

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<b>Unit</b>	PCE
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## Dimensional Sketches

