

## MPO

### LinkIT MPO-A OM4 12c 15m

MPO Female - Femal | LSZH



Product number: LI-MPOOM4AFF-12C-015

## 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>       | 15           |
| <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           |



Core Diameter (um) 50/125

## Extended Specifications

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

## Dimensional Sketches

