# LANmark-OF MPO-MPO fibre patch cord OFNP

**LANMARK-OF BASE8 MPO PATCH CORD, 16F MPO/APC FEMALE-2X8 MPO/UPC FEMALE, OM4, 400G POLARITY, OFNP, VIOLET, ULTRA LOW LOSS, XM**

**Aginode Ref:** N125.7J10SUVxxxNP



- Aginode MPO patch cord adopts a slim cable design with OD of 3mm，this gives Datacenter user 19% more room in cable management in front of the panel
- The optical performance of Aginode MPO connector is better than industry level and can met international standards
- 12F indoor flexible optical cable
- Ultra low loss 0.25dB
- Available for bend insensitive OM4
- 16F MPO/APC connector to 2x8 MPO/UPC connector
- Female MPO connectors both end
- OFNP cable

## STANDARDS

ANSI/TIA-568-C.3
ISO/IEC 11801

## Application

Aginode MPO patch cords is designed to support Datacenter high speed networkapplications like 40G, 100G, 200G and 400G. Aginode' low loss opticalperformance can support at least 6 MPO connection to allow intermediate distributors in mega Datacenters. The MPO cable is optimized for OD andremain good pulling force and crush performance. Each MPO trunk is deliveredwith test report by factory to ensure performance.

### Features

- MPO connectors met IEC 61754-7-1 and GR-1435-CORE standards
- MPO connector is UPC at 8F MPO side and APC at 16F MPO side
- Flame retardant performance met the OFNP standard according to UL 1651
- Fibre can met IEC 60793-2-10 (A1a.3b OM4)
- Tensil strength up to 450N

### Optical performance and polarity

- Typical insertion loss for a Ultra low-loss multimode MPO connector is 0.15 dB with a maximum of 0.25 dB insertion loss.
- Typical insertion loss for a low-loss singlemode MPO connector is 0.35 dB with a maximum of 0.5 dB insertion loss.

*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*

- The insertion loss of a MPO connector is measured according to standard IEC 61300-3-45.
- The minimum return loss for a multimode MPO connection is 20 dB . The minimum return loss for a singlemode MPO connection is 55 dB. The measurement is according to IEC 61300-3-6.

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# LANmark-OF Base8 MPO patch cord, 16F MPO/APC Female-2x8 MPO/UPC Female, OM4, 400G polarity, OFNP, Violet, Ultra Low loss, xm

## Characteristics

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|---|---|
| **Construction characteristics** | |
| Fiber optic type | OM4 50/125 |
| Jacket color | Violet |
| **Dimensional characteristics** | |
| Number of optical fibres | 16 |
| **Transmission characteristics** | |
| Insertion Loss, maximum, dB | 0.25 dB |
| Return Loss, Minimum, dB | 20 dB |
| **Usage characteristics** | |
| Operating temperature, range | -20...60 °C |

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