# LANmark-OF Aggregation Assembly MPO-4DLC

- Aginode MPO patch cord adopts a slim cable design with OD of 3mm,this gives Datacenter user 19% more room
- The optical performance of Aginode MPO connector is better than industry level and can met international standards.
- Available for Single Mode and bend insensitive OM3/OM4/OM5
- Female MPO connectors one side and Duplex Uniboot LC on the other side
- Break-out polarity suit 100G/400G applications



## STANDARDS

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

Application

Aginode MPO-4DLC fan-out patch cords is designed to support aggregation applications like 100G and 400G. Aginode' low loss optical performance can support at least 6 MPO connection to allow intermediate distributors in mega Datacenters. The MPO cable is optimized for OD and remain good pulling force and crush performance.

MPO connectors met IEC 61754-7-1 and GR-1435-CORE standards

MPO connector for Multimode is PC and MPO connector for Singlemode is APC

LC connector adopt Uniboot design to provide better fan-out management

The cable is LSZH material and met IEC 60332-1& IEC 60332-3-24, IEC 61034-2 and IEC 60754-1&2

Fibre can met IEC 60793-2-10 (A1a.2b OM3 and A1a.3b OM4) and IEC 60793-2-50 (B6_a1) and ITU-T G.657.A1 for Singlemode

MPO Insertion Loss: Max 0.35dB and Typical 0.25dB for OM3/OM4, Max 0.5dB and Typical 0.35dB for SM

DLC Insertion Loss: Max 0.25dB and Typical 0.15dB for OM3/OM4, Max 0.25dB and Typical 0.15dB for SM

*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.*

| MPO | Fiber Colour | LC |
|---|---|---|
| 1 BULE | | 1B |
| 2 ORANGE | | 2B |
| 3 GREEN | | 3B |
| 4 BROWN | | 4B |
| 5 | N/A | 8 |
| 6 | N/A | 7 |
| 7 | N/A | 6 |
| 8 | N/A | 5 |
| 9 SLATE | | 4 A |
| 10 WHITE | | 3 A |
| 11 RED | | 2 A |
| 12 BLACK | | 1 A |

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## CHARACTERISTICS

| | |
|---|---|
| **Construction characteristics** | |
| Fiber optic type | SM (G657.A1) |
| **Dimensional characteristics** | |
| Outer Diameter | 3 mm |
| **Mechanical characteristics** | |
| Maximum tensile load | 100 N |
| **Usage characteristics** | |
| Storage temperature, range | -40...70 °C |
| Operating temperature, range | -10...60 °C |
| Flame retardant | IEC 60332-1; IEC 60332-3 |

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## Product list

| | Aginode ref. | Country ref. | Name |
|---|---|---|---|
| | N127.4BLAY2 | - | LANmark-OF MPO-4DLC fan-out patch cord, SM OS2,LSZH, Yellow, Low loss, 2m |
| | N127.5BLAA2 | - | LANmark-OF MPO-4DLC fan-out patch cord,OM3, LSZH, Aqua, Low loss, 2m |
| | N127.7BLAV2 | - | LANmark-OF MPO-4DLC fan-out patch cord,OM4, LSZH, Violet, Low loss, 2m |

= Make to order, = In Stock

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