# LANmark-OF MPO Base8 Pre-term Assembly

**LANMARK-OF MPO BASE8 PRE-TERMINATED ASSEMBLY METHOD B OM3 48F LOW LOSS LSZH AQUA SINGLE-END TRACTION HANDLE XXXM**

**Aginode Ref:** N145Q.BL48LAxxx-LA

- Factory terminated Base8 MPO fibre assembly
- Flexible fan-out for ease of installation in patch panel
- Small cable diameter reduces required data centre space
- Flame-retardant LSZH cable to meet data center standards
- MPO cable standard is METHOD B, other polarity standards can be selected, such as METHOD A, METHOD B, METHOD C, etc.
- Optimized for 40G/100G/200G parallel transmission
- Optional 8/16/24/48/72/96 cores
- Optional bending-insensitive multi-mode BI OM3/OM4/OM5 fiber and OS2 fiber to G.657.A1, fully compatible with G.652.D fiber



## STANDARDS

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

**Pre-Term for data centres, buildings and campus based on Micro-Bundle Universal**
The cable has a small diameter and bend raduis to meet data centre requirements.
**Fire performance**
The cables have been tested for fire performance according to IEC 60332-3c. The cable meets LSZH requirements.
**MPO-MPO Pre-Term characteristics**
The Pre-Term has standard pinned (male) MPO connectors. This matches with the un-pinned (female) connectors in the female Plug&Play MPO-LC modules.
In order to reduce overlengths in data centers the Pre-Terms are custom made and available with 1m increments. The "xxx" in the N-number is the length in metre between the cable glands, i.e. the Pre-Term length between the back side of the patch panels.
The Pre-Terms are optimized for both pulling and laying in data centers. On both sides the MPO connectors are protected by a bubble foam. The maximum pulling force on the pulling eye is 450N.
The MPO Pre-Terms come with a PG-13 cable gland that fits into the LANmark-OF Plug&Play patch panel gland holders.
**Optical Performance and Polarity**
The insertion loss for a multimode the MPO connection has typical Low Loss performance of 0,2 dB and with a maximum of 0,35 dB insertion loss. The insertion loss of a MPO connection is measured according to standard IEC61300-3-45.
The minimum return loss for a multimode MPO connection is 20 dB measured according to IEC 61300-3-6.
The method B Pre-Term has a key up / key up design. This is in agreement with standard TIA-568.3-D-2016 method B.

*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.*

# LANmark-OF MPO Base8 Pre-terminated assembly Method B OM3 48F Low loss LSZH Aqua Single-end traction handle xxxm

## Characteristics

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|---|---|
| **Construction characteristics** | |
| Fiber optic type | OM3 50/125 |
| **Dimensional characteristics** | |
| Number of optical fibres | 48 |
| **Transmission characteristics** | |
| Insertion Loss, maximum, dB | 0.35 dB |
| Return Loss, Minimum, dB | 20 dB |
| **Usage characteristics** | |
| Operating temperature, range | -20...60 °C |

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