LANmark-OF MPO Base8 Pre-term Assembly

LANMARK-OF MPO BASE8 PRE-TERMINATED ASSEMBLY METHOD B SINGLEMODE OS2 8F LOW LOSS LSZH YELLOW SINGLE-END TRACTION HANDLE XXXM

Aginode Ref: N144Q.BL08LAxxx-LY

- 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

Application

The pre-terminated MPO cable is designed for high-speed data center connections and supports a variety of network protocols including, but not limited to, 40G, 100G, 200G, 400G standards regulated by IEEE, protocols published by various Msas, and storage standards such as Fiber Channel.
By optimizing the structure of the cable, the outer diameter of the MPO cable is greatly reduced, while the MPO cable maintains high tensile and compressive properties. Factory-prefabricated MPO cables are shipped with each core tested, and the test report can be traced through the traceability code that comes with the cable.
The pre-terminated MPO cable can be connected to the MPO-LC deck and the MPO-MPO adapter board, and the tightened MPO connector size tolerance provides more reliable connection performance when the MPO connector is connected.

- Meets the GR-1435-Core test requirements
- The cable complies with IEC 60794 standards
- The fiber optic cable outer sheath is made of LSZH material, the combustion meets IEC 60332-1& IEC 60332-3-24, the low smoke meets IEC 61034-2, and the halogen-free meets IEC 60754-1&2
- The fiber complies with IEC 60793 standards and ITU-T standards

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 MPO connector meets IEC 61754-7-1

Installation

The pre-terminated MPO cable can be separately ordered with a detachable pull unit for easy on-site installation. The standard pull unit (N890.100EP) offers a minimum installation pull of 450N, or the compression pull unit (N890.100HP) is optional, and the built-in pressure protection tube is suitable for complex site construction environments. The detachable pull unit can be quickly removed after installation and supports re-installation, reducing construction waste and more suitable for sustainable environmental protection goals. You can also order a prefabricated pull unit, which will come with the MPO cable when it leaves the factory, as well as a compression pull unit.

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LANmark-OF MPO Base8 Pre-terminated assembly Method B Singlemode OS2 8F Low loss LSZH Yellow Single-end traction handle xxxm

Characteristics

Construction characteristics	
Fiber optic type	SM (G657.A1)
Dimensional characteristics	
Number of optical fibres	8
Transmission characteristics	
Insertion Loss, maximum, dB	0.5 dB
Return Loss, Minimum, dB	55 dB
Usage characteristics	
Operating temperature, range	-20...60 °C

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