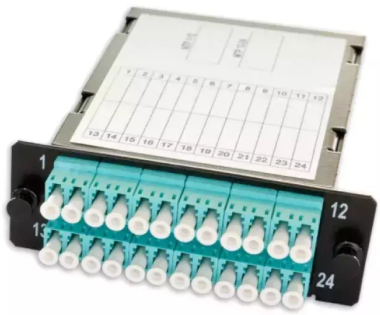
# LANmark-OF Female Plug&Play MPO-LC Module APAC

**LANMARK-OF PLUG&PLAY ULTRA LOW LOSS MODULE FEMALE CROSSED 24 LC OM4 AQUA**




**Aginode Ref:** N441.5L24LC4FC

- Play&Play module with 24 LC connections
- Available in LANmark-OF OM4 multimode
- Ultra low loss optical performance for multimode: 0,35 dB insertion loss
- Crossed wiring
- Module can be easily mounted into Aginode' Plug&Play patch panel
- High density: 4 modules fit into 1U
- Plug&Play modules are pre-installed and 100 % factory tested

The Plug&Play system consists of 3 subcomponents: the Plug&Play modules, the MPO-MPO Pre-Terms and the Plug&Play patch panel.

The central component is the pre-installed Plug&Play module. The MPO connector at the back of the module connects at once 12 fibres to the MPO-MPO Pre-Term. Inside the module the fibres are spread out towards the LC adaptors at the front.

Up to 4 Plug&Play modules can be installed quickly into the Plug&Play patch panel with push rivets. With these 4 modules a medium density of 48 LC or a high density of 96 LC connections within 1U can be achieved.

The insertion loss for the Plug&Play module is measured according to standard IEC 61300-3-45. The minimum return loss for a MPO connection is measured according to IEC 61300-3-6.

The modules are available with a straight and a crossed wiring.

For polarity methods A,B and C of standard TIA-568-C following modules and trunks need to be used:

- For a polarity method A implementation with a method A Pre-Term straight modules are used on both sides of the link.
- For a polarity method B implementation with a method B Pre-Term a straight cassette is used on one side of the link and a crossed module on the other side of the link.
- For a polarity method C implementation with a method C Pre-Term straight modules are used on both sides of the link.

*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 Plug&Play module has standard unpinned (female) connectors. This matches perfectly with the pinned (male) connectors of the MPO-MPO Pre-Term.

Since all connectivity is factory terminated and tested installation times are short facilitating a quick deployment.

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# LANmark-OF Plug&Play Ultra Low Loss Module Female Crossed 24 LC OM4 Aqua

## Characteristics

| | |
|---|---|
| **Construction characteristics** | |
| Fiber optic type | MultiMode 50/125 |
| Wiring type | Crossed |
| Connector type | LC |
| **Dimensional characteristics** | |
| Number of optical fibres | 24 |
| **Transmission characteristics** | |
| Insertion loss, typical value | 0.2 dB |
| Insertion Loss, maximum, dB | 0.35 dB |
| Return Loss, Minimum, dB | 20 dB |

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