

# LANmark-OF Female Plug&Play MTP-LC Module

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

## Contact

Sales  
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Nexans 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 Nexans' Plug&Play patch panel
- High density: 4 modules fit into 1U
- Straight or crossed wiring
- Plug&Play modules are pre-installed and 100 % factory tested

## DESCRIPTION

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

The central component is the pre-installed Plug&Play module. The MTP connector at the back of the module connects at once 12 fibres to the MTP-MTP 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 MTP 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.

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

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

\* MTP is a trade name of US Conec

## CHARACTERISTICS

### Construction characteristics

Connector type

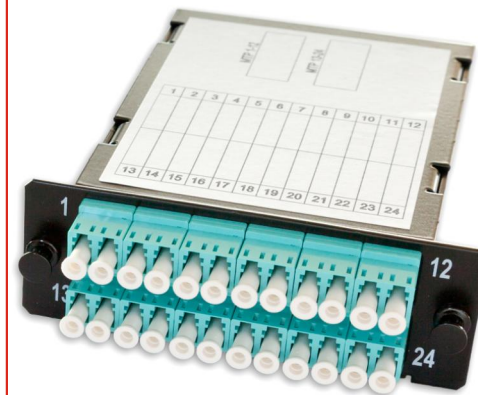
LC

Fiber optic type

MultiMode 50/125

Wiring type

Crossed



**LANmark-OF**

## STANDARDS

International ISO/IEC 11801

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

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The Nexans logo consists of a stylized red 'N' followed by the word 'nexans' in a black, lowercase, sans-serif font.

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### Dimensional characteristics

Number of optical fibres	24
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### Transmission characteristics

Insertion Loss, maximum, dB	0.35 dB
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Insertion loss, typical value	0.2 dB
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Return Loss, Minimum, dB	20 dB
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