

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

LANmark-OF Plug&Play Low Loss Module Female Straight 12 LC SM Blue

## Contact

Sales  
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**Nexans Ref.:** N441.5L12LC0FS

- Play&Play module with 12 LC connections
- Available in LANmark-OF OS2 singlemode
- Low loss optical performance for singlemode: 0,5 dB insertion loss
- Straight 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



**LANmark-OF**

## STANDARDS

International ISO/IEC 11801

## CHARACTERISTICS

### Construction characteristics

Connector type	LC
Fiber optic type	SingleMode 9/125
Wiring type	Straight

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### Dimensional characteristics

Number of optical fibres	12
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### Transmission characteristics

Insertion Loss, maximum, dB	0.5 dB
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Insertion loss, typical value	0.25 dB
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Return Loss, Minimum, dB	45 dB
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