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

**LANMARK-OF PLUG&PLAY LOW LOSS MODULE FEMALE STRAIGHT 12 LC SM BLUE**

**Aginode 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 Aginode' 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




## STANDARDS

ISO/IEC 11801

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.

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- 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

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

## Characteristics

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|---|---|
| **Construction characteristics** | |
| Fiber optic type | SingleMode 9/125 |
| Connector type | LC |
| Wiring type | Straight |
| **Dimensional characteristics** | |
| Number of optical fibres | 12 |
| **Transmission characteristics** | |
| Insertion Loss, maximum, dB | 0.5 dB |
| Return Loss, Minimum, dB | 45 dB |
| Insertion loss, typical value | 0.25 dB |

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