LANmark-OF Female Plug&Play MTP-LC Module

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

Aginode Ref: N441.5L12LC0FC

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

- 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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Characteristics

Construction characteristics	
Fiber optic type	SingleMode 9/125
Connector type	LC
Wiring type	Crossed
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