

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

- Plug&Play module with 12 LC or 24 LC connections
- Available in LANmark-OF OM4 multimode and LANmark-OF OS2 singlemode
- Ultra low loss optical performance for multimode and low loss for singlemode
- Module can be easily mounted into Aginode' Plug&Play patch panel
- High density: 4 modules fit into 1U
- Straight, crossed or Universal wiring
- 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 and Universal wiring.

For polarity methods A,B, C and U1 of standard TIA-568.3-D 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.
- For a polarity method U1 implementation with a method B Pre-term, Universal 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 MPO-MPO Pre-Term.

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

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## CHARACTERISTICS

### Construction characteristics

Fiber optic type	SingleMode 9/125
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Connector type	LC
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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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Return Loss, Minimum, dB	45 dB
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Insertion loss, typical value	0.35 dB
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## Product list

	Aginode ref.	Country ref.	Name
☎	N441.5L12LC0FU	-	LANmark-OF Plug&Play Ultra Low Loss Module Female Universal 12 LC SM Blue
☎	N441.5M12LC0FU	-	LANmark-OF Plug&Play Low Loss Module Female Universal 12 LC SM Blue
☎	N441.5M12LCVFU	-	LANmark-OF Plug&Play Low Loss Module Female Universal 12 LC OM4 Violet
☎	N441.5M24LC0FU	-	LANmark-OF Plug&Play Low Loss Module Female Universal 24 LC SM Blue
☎	N441.5M12LCVFS	-	LANmark-OF Plug&Play Low Loss Module Female Straight 12 LC OM4 Violet
☎	N441.5M24LC4FS	-	LANmark-OF Plug&Play Low Loss Module Female Straight 24 LC OM4 Aqua
☎	N441.5M24LC4FC	-	LANmark-OF Plug&Play Low Loss Module Female Crossed 24 LC OM4 Aqua
☎	N441.5M12LC4FC	-	LANmark-OF Plug&Play Low Loss Module Female Crossed 12 LC OM4 Aqua
☎	N441.5L24LCVFS	-	LANmark-OF Plug&Play Ultra Low Loss Module Female Straight 24 LC OM4 Violet
☎	N441.5L12LCVFS	-	LANmark-OF Plug&Play Ultra Low Loss Module Female Straight 12 LC OM4 Violet
☎	N441.5L24LC4FC	-	LANmark-OF Plug&Play Ultra Low Loss Module Female Crossed 24 LC OM4 Aqua
☎	N441.5L12LCVFC	-	LANmark-OF Plug&Play Ultra Low Loss Module Female Crossed 12 LC OM4 Violet
☎	N441.5M12LC0FS	-	LANmark-OF Plug&Play Low Loss Module Female Straight 12 LC SM Blue
☎	N441.5M24LC0FS	-	LANmark-OF Plug&Play Low Loss Module Female Straight 24 LC SM Blue
☎	N441.5M12LC0FC	-	LANmark-OF Plug&Play Low Loss Module Female Crossed 12 LC SM Blue
☎	N441.5M24LC0FC	-	LANmark-OF Plug&Play Low Loss Module Female Crossed 24 LC SM Blue
☎	N441.5L12LC0FS	-	LANmark-OF Plug&Play Ultra Low Loss Module Female Straight 12 LC SM Blue
☎	N441.5L24LC0FS	-	LANmark-OF Plug&Play Ultra Low Loss Module Female Straight 24 LC SM Blue
☎	N441.5L12LCVFU	-	LANmark-OF Plug&Play Ultra Low Loss Module Female Universal 12 LC OM4 Violet
☎	N441.5L24LC0FU	-	LANmark-OF Plug&Play Ultra Low Loss Module Female Universal 24 LC SM Blue
☎	N441.5L24LCVFU	-	LANmark-OF Plug&Play Ultra Low Loss Module Female Universal 24 LC OM4 Violet
☎	N441.5M24LC4VFU	-	LANmark-OF Plug&Play Low Loss Module Female Universal 24 LC OM4 Violet
☎	N441.5L12LC0FC	-	LANmark-OF Plug&Play Ultra Low Loss Module Female Crossed 12 LC SM Blue
☎	N441.5L24LC0FC	-	LANmark-OF Plug&Play Ultra Low Loss Module Female Crossed 24 LC SM Blue

☎ = Make to order, 🏠 = In Stock

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