

# LANmark-OF Slimflex Patch Cords OM4

- Optical fiber patch cords
- LANmark-OF OM4 performance
- GIGAliteFLEX bend insensitive fibre
- For use in cabinets and workplaces

## Guarantees and installation

Aginode LANmark-OF optical fibre patch cords have been designed for indoor applications in support of high speed protocols.

High speed protocols supported include, but are not limited to

- Ethernet: 1GBase-SX, 10GBase-SR, 25GBASE-SR
- Fibre channel Serial: 4G, 8G, 16G and 32G

Details on the supported distances can be found in the LANmark-OF warranty modules.

Typical installation environments are:

- Cabinets to connect patch panels to active equipment.
- Cross connects in data centres.
- Suitable for use in the work area to connect the workstation to the wall outlet (Fibre To The Desk).

## Characteristics

- Patch cord cable is according to IEC 60794-2-50
- Maximum insertion loss according to IEC 61300-3-4: 0.25 dB
- Typical insertion loss: 0.1 dB
- Minimum return loss according to IEC 61300-3-6: 30 dB
- Duplex LC-LC, duplex LC-SC and duplex SC-SC patch cords have a duplex cable construction with a diameter of 2 X 2.0 mm.
- Short connector boots of 19mm
- Small bend radius: 10 mm
- A label is added close to the duplex connector for traceability of the measurement results

## Fibre



## STANDARDS

ISO/IEC 11801

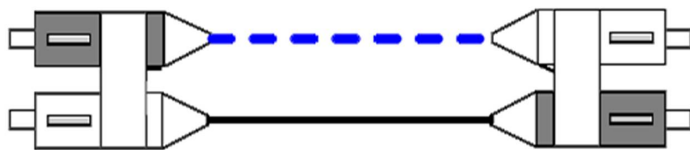
The LANmark-OF OM4 patch cords have LANmark-OF OM4 **GIGAliteFLEX** fibre inside. This bend insensitive multimode fibre has a small bend radius and is compliant to IEC 60793-2-10, fibre model A1a.3b.

## Design

Aginode LANmark-OF patch cords designed according to the "Cross-Over" wiring principle to improve field installation (A1-B2, B1-A2). This conforms to the requirements of IEC 11801 and EN 50174-1:2009.

The "butterfly" duplex clip allows to change the polarity on site easily by simply removing the 2 connectors and put them in a reverse order back into the same clip. No tool is required for this polarity change.

### Schematic Polarity Duplex Patch Cord



Cross-over patch cord (A1 to B2 & B1 to A2)

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## CHARACTERISTICS

### Construction characteristics

Armour type	Aramid yarn
Colour	Aqua
Connector type	Duplex LC-LC
Outer sheath	LSZH-FR

### Mechanical characteristics

Crush resistance (IEC 60794-1-E3)	100 N/cm
Maximum pulling force (IEC 60794-1-2-E1)	200 N

### Transmission characteristics

Insertion Loss, maximum, dB	0.25 dB
Return Loss, Minimum, dB	30 dB

### Usage characteristics

Minimum static operating bending radius	10 mm
Operating temperature, range	-10...50 °C

## Product list

	Aginode ref.	Country ref.	Name	Colour	Connector type
☎	N122.7LLAX	-	LANmark-OF Slimflex Patch Cord DLC - DLC OM4 LSZH Aqua Xm	Aqua	Duplex LC-LC
☎	N122.7LLVX	-	LANmark-OF Slimflex Patch Cord DLC - DLC OM4 LSZH Violet Xm	Violet	Duplex LC-LC
☎	N122.7CLVX	-	LANmark-OF Slimflex Patch Cord DLC - DSC OM4 LSZH Violet Xm	Violet	Duplex SC-LC
☎	N122.7CCVX	-	LANmark-OF Slimflex Patch Cord DSC - DSC OM4 LSZH Violet Xm	Violet	Duplex SC-SC

☎ = Make to order, 📦 = In Stock

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