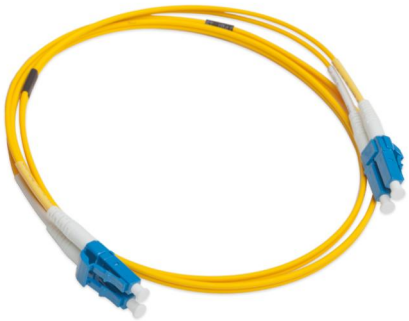
LANmark-OF Slimflex Patch Cords Singlemode



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

STANDARDS

International ISO/IEC 11801

GUARANTEES AND INSTALLATION

Nexans 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-LX and Ethernet 10GBase-LR

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 for LC/UPC: 50 dB
- Minimum return loss according to IEC 61300-3-6 for LC/APC: 65 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 traceability label is added close to the connector

Fibre type

The LANmark-OF SM patch cords have LANmark-OF SM GIGAliteFLEX fibre inside. These fibres are bend insensitive and compliant to ITU-T G.657.A1 and to IEC 60793-2-50, fibre model B6.a1. The pigtail jacket of the singlemode pigtails is yellow.

Design

Nexans LANmark-OF patchcords 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.

Static bending rad.
10 mm

Operating temp.
-10 ... 50 °C

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CHARACTERISTICS

Construction characteristics	
Armour type	Aramid yarn
Colour	Yellow
Fiber optic type	SingleMode 9/125
Outer sheath	LSZH-FR
Transmission characteristics	
Insertion Loss, maximum, dB	0.25 dB
Mechanical characteristics	
Crush resistance (IEC 60794-1-E3)	100 N/cm
Maximum pulling force (IEC 60794-1-2-E1)	200 N
Usage characteristics	
Minimum static operating bending radius	10 mm
Operating temperature, range	-10 ... 50 °C

PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Connector type	Return Loss, Minimum, dB [dB]
N122.4DPYX	-	LANmark-OF Slimflex Patch Cord DLC/APC - DSC/APC SM LSZH Yellow X m	Duplex LC/APC-SC/APC	65
N122.4CLYX	-	LANmark-OF Slimflex Patch Cord DLC/UPC - DSC/UPC SM LSZH Yellow X m	Duplex SC-LC	50
N122.4CCYX	-	LANmark-OF Slimflex Patch Cord DSC/UPC - DSC/UPC SM LSZH Yellow X m	Duplex SC-SC	50
N122.4DCYX	-	LANmark-OF Slimflex Patch Cord DSC/APC - DSC/UPC SM LSZH Yellow X m	Duplex SC/UPC-SC/APC	50
N122.4DLYX	-	LANmark-OF Slimflex Patch Cord DLC/UPC - DSC/APC SM LSZH Yellow X m	Duplex LC/UPC-SC/APC	50
N122.4CPYX	-	LANmark-OF Slimflex Patch Cord DLC/APC - DSC/UPC SM LSZH Yellow X m	Duplex LC/APC-SC/UPC	50
N122.4PPYX	-	LANmark-OF Slimflex Patch Cord DLC/APC - DLC/APC SM LSZH Yellow X m	Duplex LC/APC-LC/APC	65
N122.4LLYX	-	LANmark-OF Slimflex Patch Cord DLC/UPC - DLC/UPC SM LSZH Yellow X m	Duplex LC-LC	50
N122.4PLYX	-	LANmark-OF Slimflex Patch Cord DLC/APC - DLC/UPC SM LSZH Yellow X m	Duplex LC/UPC-LC/APC	50
N122.4DDYX	-	LANmark-OF Slimflex Patch Cord DSC/APC - DSC/APC SM LSZH Yellow X m	Duplex SC/APC-SC/APC	65

= Make to order, = In stock,

Static bending rad.
10 mm

Operating temp.
-10 ... 50 °C

LANmark-OF Slimflex Patch Cords Singlemode

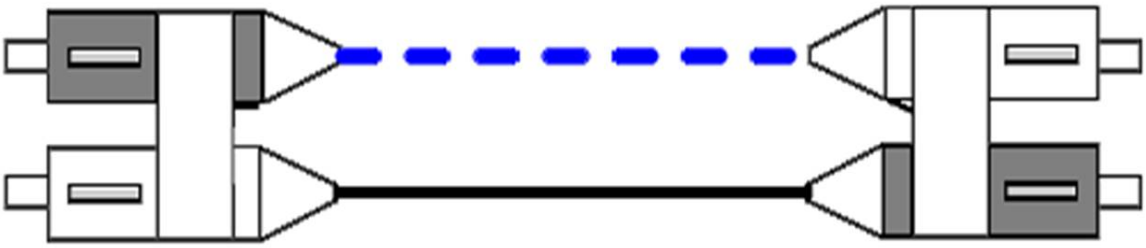
Nexans Ref.	Country Ref.	Name	Connector type	Return Loss, Minimum, dB [dB]
N122S.4LLYX	-	LANmark-OF Slimflex Simplex Patch Cord LC/UPC-LC/UPC SM LSZH Xm Yellow	LC	50

= Make to order, = In stock,

Static bending rad.
10 mm

Operating temp.
-10 ... 50 °C

SCHEMATIC POLARITY PATCH CORD



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