

LANmark-OF Slimflex Patch Cords Singlemode

LANmark-OF Slimflex Simplex Patch Cord LC/UPC-LC/UPC SM LSZH
Xm Yellow

Nexans Ref.: N122S.4LLYX

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

DESCRIPTION

Guarantees and installation

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

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

- 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
- 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.



LANmark-OF

STANDARDS

International ISO/IEC 11801

CHARACTERISTICS

Construction characteristics

Armour type

Aramid yarn

Colour

Yellow

Connector type

LC



Flame retardant
IEC 60332-1



Static bending rad.
10 mm



Operating temp.
-10 ... 50 °C

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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Construction characteristics

Fiber optic type	SingleMode 9/125
Outer sheath	LSZH-FR

Dimensional characteristics

Width	2 mm
Height	2 mm
Nominal inner diameter	2.0 mm

Transmission characteristics

Insertion Loss, maximum, dB	0.25 dB
Return Loss, Minimum, dB	50 dB

Mechanical characteristics

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

Usage characteristics

Flame retardant	IEC 60332-1
Minimum static operating bending radius	10 mm
Operating temperature, range	-10 ... 50 °C



Flame retardant
IEC 60332-1



Static bending rad.
10 mm



Operating temp.
-10 ... 50 °C

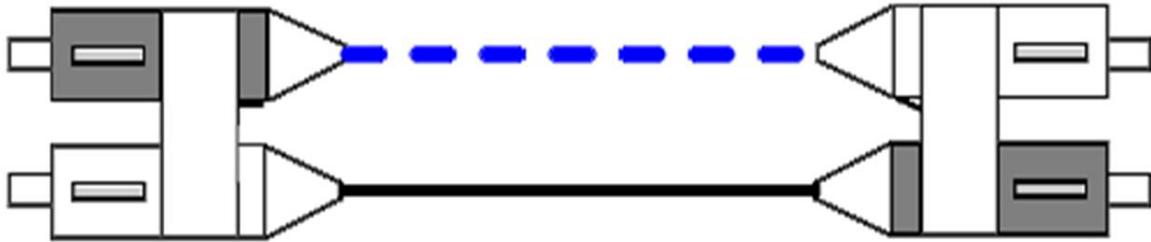
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SCHEMATIC POLARITY PATCH CORD



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