

LANmark-OF OM2 Patch Cords

LANmark-OF Patch cord Multimode 50/125 OM2 2LC - 2LC LSZH Orange X m

Nexans ref.: N123.2LLOX

- Optical fiber patch cords
- LANmark-OF OM2 performance
- 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 Ethernet protocols.

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: 0.3 dB
- Typical insertion loss: 0.15 dB
- Minimum return loss according to IEC 61300-3-6: 30 dB
- Colour of Jacket: Orange
- LANmark-OF OM2 performance: compliant to IEC60793-2-10, subtype A1a.1
- Duplex LC-LC, duplex LC-SC and duplex LC-ST patch cords have a duplex cable construction with a diameter of 2 X 2.0 mm.
- Duplex SC-SC, duplex SC-ST and duplex ST-ST patch cords have a duplex cable construction with a diameter of 2 X 2.8 mm.

Design

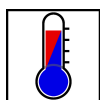
Nexans LANmark-OF patchcords designed according to the "Cross-Over" wiring principle to improve field installation (A1-B2, B1-A2). This conforms to the requirements of IEC 11801 and EN 50174-1:2009.



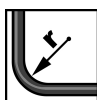
LANmark-OF

Standards

International ISO/IEC 11801



Operating temp. range
-10 .. 50 °C



static bending rad.
40 mm



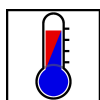
Fire retardant
IEC 60332-3 Cat.C

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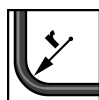
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Characteristics

Construction characteristics	
Colour	Orange
Armour type	Aramid yarn
Outer sheath	LSZH-FR
Fiber optic type	OM2 50/125
Connector type	Duplex LC-LC
Dimensional characteristics	
Width	4 mm
Height	2 mm
Nominal inner diameter	2.0 mm
Transmission characteristics	
Insertion Loss, maximum, dB	0.3 dB
Return Loss, maximum, dB	30 dB
Mechanical characteristics	
Crush resistance (IEC 60794-1-E3)	250 N/cm
Maximum pulling force (IEC 60794-1-2-E1)	200 N
Usage characteristics	
Operating temperature, range	-10 .. 50 °C
Minimum static operating bending radius	40 mm
Fire retardant	IEC 60332-3 Cat.C



Operating temp. range
-10 .. 50 °C



static bending rad.
40 mm



Fire retardant
IEC 60332-3 Cat.C