

LANmark-OF Singlemode Patch Cords

LANmark-OF Patch Cord Singlemode 9/125 OS2 2SC - 2SC LSZH Yellow X m
Nexans ref.: N123.4CCYX

- Optical fiber patch cords
- LANmark-OF singlemode 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 protocols. High speed protocols supported include, but are not limited to

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

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).



LANmark-OF

Standards

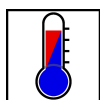
International ISO/IEC 11801

Characteristics

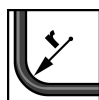
- Patch cord cable is according to IEC 60794-2-50
- Maximum insertion loss according to IEC 61300-3-4: 0.3 dB
- Typical insertion loss: 0.15 dB
- Minimum return loss according to IEC 61300-3-6: 40 dB
- Colour of Jacket: Yellow
- LANmark-OF Singlemode OS2 performance: compliant to IEC60793-2-50, subtype B1.3
- 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.



Operating temp. range
-10 .. 50 °C



static bending rad.
40 mm



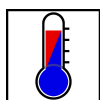
Fire retardant
IEC 60332-3 Cat.C

LANmark-OF Singlemode Patch Cords

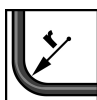
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Characteristics

Construction characteristics	
Colour	Yellow
Fiber optic type	SingleMode 9/125
Armour type	Aramid yarn
Outer sheath	LSZH-FR
Connector type	Duplex SC-SC
Dimensional characteristics	
Width	5.8 mm
Height	2.8 mm
Nominal inner diameter	2.8 mm
Transmission characteristics	
Insertion Loss, maximum, dB	0.3 dB
Return Loss, maximum, dB	40 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



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