

LANmark-OF Singlemode Patch Cords

LANmark-OF Patch Cord Singlemode 9/125 OS2 2LC - 2SC LSZH Yellow X m
Nexans ref.: [N123.4CLYX](#)

- 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

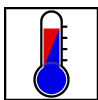
International ISO/IEC 11801

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.

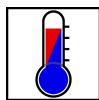
Operating temp. range
-10 .. 50 °Cstatic bending rad.
40 mmFire retardant
IEC 60332-3 Cat.C

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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-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 | 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 |



Operating temp. range
-10 .. 50 °C



static bending rad.
40 mm



Fire retardant
IEC 60332-3 Cat.C