

LANmark-OF Patch Cords

LANmark-OF Patch cord Singlemode OS2 2LC - 2SC LSZH Yellow 2m

Nexans ref.: N123.4CLY2

- Optical fiber patch cords 9 micron
- Compliant for OS2
- For use in cabinets and workplaces

Description

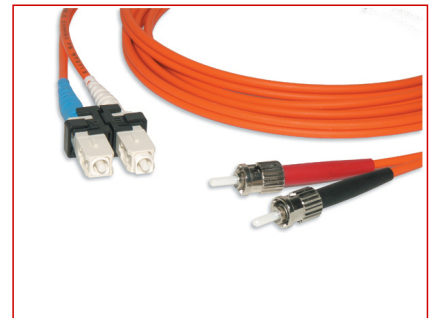
Application

Nexans **LANmark-OF** optical fibre patchcords have been designed for applications where a high level of optical features is required.

- Suitable for use in cabinets to connect patch panels/active equipments to active equipments.
- Suitable for use in the work area to connect the work station to the wall outlet (Fibre To The Desk).

Applications support :

- Fast Ethernet 100 base FX
- 1Gbase SX
- 1Gbase LX
- 10Gbase SR
- 10Gbase LW
- 10Gbase LX4
- 10Gbase LR
- 10Gbase LRM
- Fibre Channel Serial 1G
- Fibre Channel Serial 2G
- Fibre Channel Serial 4G
- Fibre Channel Serial 10G



LANmark-OF

Standards

International ISO/IEC 11801

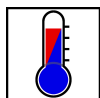
Performance

Nexans **LANmark-OF** patchcords are available in all standardised optical fibre classes, multimode and single mode. The MM62.5 version is designed for use in an OM1 compliant system, the MM50 version for OM2 systems and the MM50 OM3 version for OM3 systems. The singlemode version is OS2 compliant. The multimode versions can be used in laser optimised systems using the **LANmark-OF xt** cables.

Design

Nexans **LANmark-OF** patchcords designed according the "Cross-Over" wiring principle to improve field installation (A1-B2, B1-A2).

Guarantees



Operating temp. range
-10 .. 50 °C



static bending rad.
40 mm



Fire retardant
IEC 60332-3 Cat.C

LANmark-OF Patch Cords

LANmark-OF Patch cord Singlemode OS2 2LC - 2SC LSZH Yellow 2m

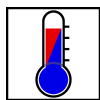
Nexans **LANmark-OF** patchcords are guaranteed to support LED based applications as well as Laser based applications. They are covered by Nexans warranty as described in the General Terms and Conditions.

Characteristics

Construction characteristics	
Armour type	Aramid yarn
Outer sheath	LSZH-FR
Connector type	SC-LC
Fiber optic type	SM (G.652D)
Mechanical characteristics	
Maximum pulling force by laying	0.2 kN
Crush resistance (IEC 60794-1-E3)	250 N/cm
Usage characteristics	
Operating temperature, range	-10 .. 50 °C
Length	2 m
Minimum static operating bending radius	40 mm
Fire retardant	IEC 60332-3 Cat.C

Optical Performance Patch Cords

Fibre type	Connector	Polishing	Insertion loss max.	Return loss min.
Multimode	ST-SC-LC	PC	0,3 dB	> 30 dB
Multimode	MT-RJ	PC	0,3 dB	NA
Singlemode	ST-SC-LC	PC	0.3 dB	> 40 dB
Singlemode	SC-LC	APC	0,3 dB	> 55 dB
Singlemode	MT-RJ	NA	NA	NA



Operating temp. range
-10 .. 50 °C



static bending rad.
40 mm



Fire retardant
IEC 60332-3 Cat.C