

Patch cord SM Blue

Patch cord 2SM FC/UPC-FC/UPC 30m, Blue

Nexans Ref.: 48625309

Country Ref.: 5074635

EAN 13: 7330000112544

A complete range of high quality fiber optic patchcords for high performance telecom data transmission applications.

DESCRIPTION

Patchcords in different length used for cross-connections or termination of active-equipment. The patchcord has two preconnected ends. Tight buffered fibres are used in the patchcord. The cable is sheathed with blue flame-retardant and halogen-free sheath.



Halogen free
Yes



Min. dynamic operating bending rad.
30.0 mm



Storage temperature, range
-40 ... 70 °C



Operating temp.
-30 ... 60 °C



Ambient installation T°C range
-10 ... 50 °C

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CHARACTERISTICS

Construction characteristics

Type of cable	GOGQ
Outer sheath	HFFR (polyolefin)
Sheath colour	Blue
Reinforcement members material type	Aramid yarn
Fiber optic type	SM
Type of secondary protection	Tight buffer
Halogen free	Yes
Connector type	FC

Dimensional characteristics

Number of optical fibres	2
Outer Diameter	2 mm
Number of optical connectors	4
Apex offset	50 µm
Ferrule endface curvature, radius UPC	$10 < r < 25$ mm
Ferrule endface curvature, radius APC	
Tolerance of cavity diameter	+1, -0 µm
Concentricity error of cavity	< 1,4 µm
Fibre protrusion	< -0,05 µm
Fibre undercut	> -0,05 µm

Transmission characteristics

Insertion Loss, nom, 1550 nm, dB	0.2 dB
Insertion Loss, max, 1550 nm, dB	0.5 dB
Return Loss, nominal, dB	50 dB

Mechanical characteristics

Maximum pulling force by laying	0.3 kN
Maximum permanent tensile load	0.5 kN

Usage characteristics

Field of application	Indoor
Length	30 m
Minimum dynamic operating bending radius	30.0 mm
Storage temperature, range	-40 ... 70 °C
Operating temperature, range	-30 ... 60 °C
Ambient installation temperature, range	-10 ... 50 °C