

SC LSZH (Simplex patch cable)

Patch Cord (Standard simplex)

Description

Characteristics & Applications

Nexans fibre cable SC LSZH is designed for following installation conditions :

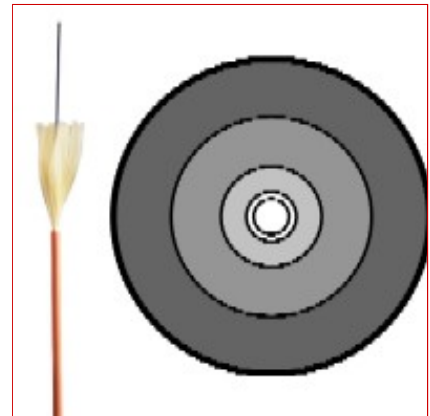
- Suitable for use in risers and horizontal cabling
- Suitable for use in patch assembly
- Designed for direct ST or SC termination
- Flame retardant halogen free
- Compact design

Nexans fibre cable SC LSZH can include MM62.5, MM50 and SM G652 fibres.

For MM we offer different fibre grades to suit your application: GIGALite, GIGALite II, GIGALite 3 (MM50 only) or GIGALite 4 (MM50 only).

Construction

1. 900 μ m tight buffered fibre
2. Aramid yarns reinforcement
3. Flame retardant halogen free outer sheath



GIGALite™
Fiber cable solutions for the gigabit world.

Standards

International EN 187000; IEC 60794

Related Information

Standard Marking

NNNNN - SC LSZH - FIBRE OPTIC CABLE - XXX*YY - FB - TN - metric

NNNNN = Nexans (For GIGALite) or GIGALite II or GIGALite 3 or GIGALite 4 (Depending on the selected fibre quality)

XXX = Fibre Count

YY = Fibre Type : MM62.5 or MM50 or SM

TN = Traceability Number

Contact

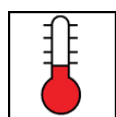
LAN cables
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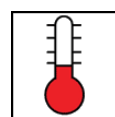
Halogen free
Yes



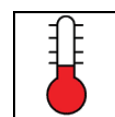
Flame retardant
IEC 60332-1



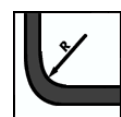
Ambient installation
temperature, range (°C)
0 .. 40 °C



Operating temperature,
range
-10 .. 60 °C



Storage temperature,
range
-30 .. 60 °C



Laying operation
bending radius
35.0 mm

SC LSZH (Simplex patch cable)

Characteristics

Construction characteristics

Armour type	Aramid yarn
Outer sheath	LSZH-FR
Type of cable	Tight buffer
Halogen free	Yes

Dimensional characteristics

Number of optical fibres	1
Nominal outer diameter (mm)	2.8 mm
Approximate weight (kg/km)	8 kg/km







Mechanical characteristics

Admissible traction load	75.0 daN
Maximum tensile load during service	35.0 daN
Crush resistance (IEC 60794-1-2-E3)	250 N/cm

Usage characteristics

Installation type	Indoor
Flame retardant	IEC 60332-1
Ambient installation temperature, range (°C)	0 .. 40 °C
Operating temperature, range	-10 .. 60 °C
Storage temperature, range	-30 .. 60 °C
Laying operation bending radius	35.0 mm
Minimum static operating bending radius	35.0 mm

Product List

Nexans ref.	Name	Fiber optic type	Optical performance
	GIGAlite 3 SC LSZH 1xMM50	MultiMode 50/125	GIGAlite 3
	GIGAlite II SC LSZH 1xMM50	MultiMode 50/125	GIGAlite II
	GIGAlite II SC LSZH 1xMM62.5	MultiMode 62,5/125	GIGAlite II
 10024192	SC LSZH 1xMM50	MultiMode 50/125	GIGAlite
 10024159	SC LSZH 1xMM62.5	MultiMode 62,5/125	GIGAlite
 10024292	SC LSZH 1xSM	SM (G.652)	GIGAlite