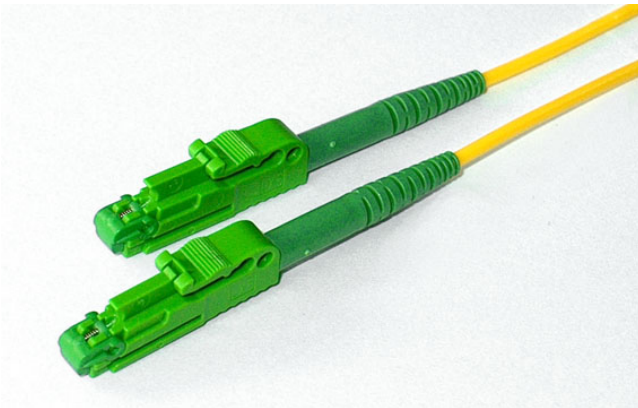


LX.5 Patchcord

Description:

The industry's most reliable small-form-factor fiber optic connector. Doubling capacity is easy with the LX.5. By allowing two fibers instead of one to fit into the standard SC adapter footprint, the LX.5 doubles the density of fiber termination equipment. The LX.5 was developed with carrier-class reliability to ensure network integrity. Available in simplex or duplex configurations, the LX.5 maintains single circuit access and incorporates safety shutters on both the connector and adapter body to provide protection from dust, dirt, and ferrule end-face handling damage. The connector also features a latching mechanism that effectively releases the connector from the adapter. Its user-friendly and intuitive design prevents cables from snagging at the back of the connector.



Features:

- Doubles the density; twice as many fiber connections
- Exactly half the size of the SC connector; adapter fits the SC footprint
- Shutters on both the adapter and connector
- Incorporates proven, reliable ceramic ferrules
- Available in singlemode and multimode versions
- Easy to convert between simplex and duplex connectors

Specifications:

Insertion loss (IL) (IEC 61300-3-4)	MM	SM Super PC	SM Ultra PC	SM Angle PC	SM Angle PC Premium
		0.15 dB typ	0.15 dB typ	0.15 dB typ	0.15 dB typ
Return loss (RL) (IEC 61300-3-6)	>30 dB	>45 dB	>50 dB	>60 dB*	
Ferrule material	1.25 mm zirconia ceramic				
Multimode sleeve	1.25 mm phosphor bronze				
Singlemode sleeve	1.25 mm zirconia ceramic				
Adapter Housing, Connector Body	Engineering thermoplastic				
Flammability	Adapter housing and connector body and boot are fabricated with materials which meet UL94, Level V-O requirements				
Operating Temperature**	-40°C to 75°C 0% to 93% RH				
Storage Temperature	-40°C to 85°C 0% to 93% RH				

Note: *) RL >80 dB measured with high precision reflectometer

***) Conditioned by the type of cable

Application:

- Telecom
- LAN, WAN
- CATV
- Sensor Systems
- Measuring Technique
- Utilities, Railways

Ordering code:

AAA - XX XXX - XX - (XX)¹ - XXX

AAA	
Connector Type	Connector Description
LX5	LX.5/PC (MM)
SLX5	LX.5/SPC singlemode
ULX5	LX.5/UPC singlemode
NLX5	LX.5/APC angled SM

XX-color	XXX- length [m]
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X - type (pigtail or jumper)
J jumper
PT pigtail tight buffered, strip in one shot 0.5 - 2 cm
PS pigtail semitight, strip in one shot 5 - 10 cm
PJ pigtail loose tube - jelly filled
PD pigtail loose tube - dry

Insertion Loss:

Premium Class (MM)	≤ 0.30 dB
Premium Class 1	≤ 0.10 dB
Premium Class 2	≤ 0.25 dB

Note:

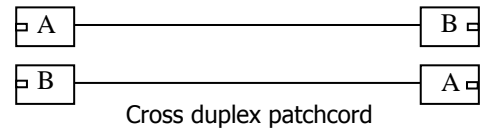
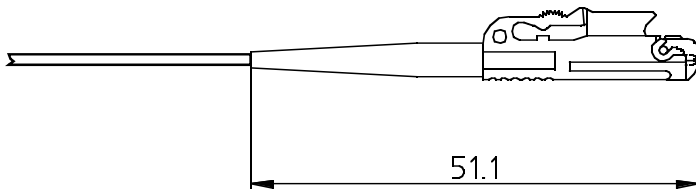
- 1) not filled when color is not defined
- 2) EZ – compatible with 3 mm cable, bending radius 5 mm

XX - diameter of cable, fiber	XXX - type of fiber
09 fiber Ø 0.9 mm	OM1 MM 62.5/125 µm
17 cable Ø 1.7 mm	OM2 MM 50/125 µm
20 cable Ø 2.0 mm	OM3 MM 50/125 µm
D1 duplex minizip 1.8 x 3.5 mm	S2D SM 9/125 µm (G.652D)
DT duplex twin 3.1 x 5.2 mm	S7A SM 9/125 µm (G.657A)
	S7B SM 9/125 µm (G.657B)
	EZ ² EZ-Bend™
	DS dispersion shifted
	TW TrueWave
	RS TrueWave - RS
	TL TeraLight
	LE Leaf

Color Code:

BK	BN	RD	OG	YE	GN	BU	VT	GY	WH	PK	TQ
Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White	Pink	Turquoise

Dimensions:



Sample:



NLX5-17 S2D-J-002