

## Ø3.0mm LX.5/APC angled SM SX Patchcord - Yellow Jacket



### Products 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.

### Keyed Characteristics

- 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.

### Application

- Telecom;
- LAN, WAN;
- CATV;
- Sensor Systems;
- Utilities, Railways.

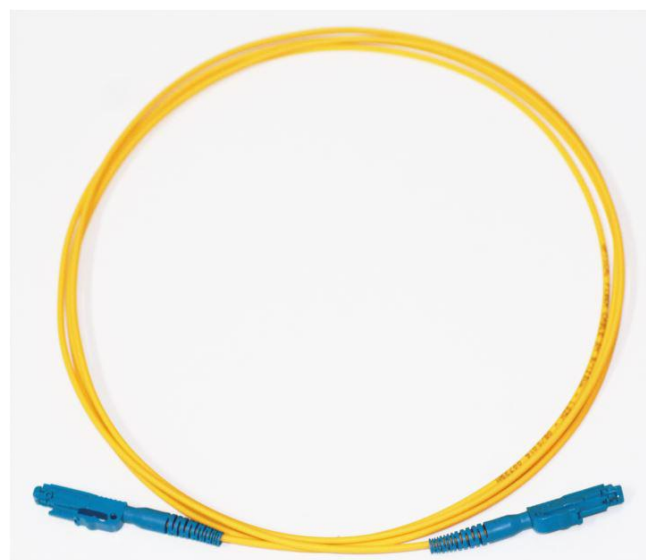
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## Technical Information

Insertion loss(IL) (IEC61300-3-4)	MM	SM Super PC	SM Ultra PC	SM Angle PC	SM Angle PC Premium
	0.20dB type	0.20dB type	0.20dB type	0.20dB type	0.15dB max
Return loss(RL) (IEC61300-3-6)	>30dB	>45dB	>50dB	>60dB*	
Ferrule material	1.25mm zirconia ceramic				
Multimode sleeve	1.25mm phosphor bronze				
Singlemode sleeve	1.25mm 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-Or equirements				
Operating Temperature	-40°C to 75°C 0% to 93% RH				
Storage Temperature	-40°C to 85°C 0% to 93% RH				
Note: *) RL >65 dB measured with high precision reflectometer **) Conditioned by the type of cable					



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## Ordering Guide

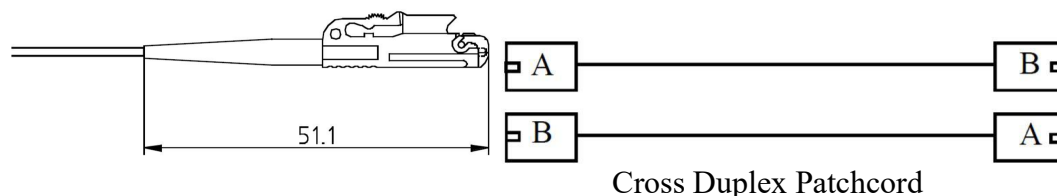
AAA - XX XXX - X - XXX  
XXX - length [m]

AAA Connector Type	Connector Description
LX5	LX.5/ PC Multimode
SLX5	LX.5/SPC Singlemode
ULX5	LX.5/UPC Singlemode
NLX5	LX.5/APC angled SM

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

XX - diameter of fibre, cable fibre	Connector Description	XXX - type of fibre	
09	fibre Ø 0.9 mm simplex cable	OM1	MM 62.5/125µm
17	cable Ø 1.7 mm	OM2	MM 50/125µm
20	cable Ø 2.0 mm duplex cable	OM3	MM 50/125µm
D1	duplex minizip 1.8 x 3.6 mm	SM	SM 9/125µm (G.652)
DT	duplex twin 3.1 x 5.2mm	DS	dispersion shifted
<b>Insertion Loss:</b> Premium Class (MM): ≤ 0.30 dB Premium Class 1: ≤ 0.10 dB Premium Class 2: ≤ 0.25 dB		TW	TrueWave
		RS	TrueWave - RS
		TL	TeraLight
		LE	Leaf

## Dimension



Note:

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

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