

# LC Duplex Patch Cord



STL high performance Duplex LC to LC patch cords are the best suited for the extension of the optical connections from one sub rack to another sub rack or from switch to server connectivity. Manufactured with high precision LC connectors in a state of art manufacturing facility, these patch cords provide a reliable connectivity with low loss performance. With different jacket options, these patchcords are the most suited for application in the areas like equipment rooms, high density data center racks.

## Features & Benefits

- High precision low loss connector
- Smaller zip cord cable dia of 1.8mm
- Offered in various outer jacket options

## Physical Characteristics

<b>Fibre Type</b>	SM - G657A1   MM - MMOM3/OM4
<b>Fibre Count</b>	2F
<b>Jacket Material</b>	Refer to part number configuration table
<b>Connector Type</b>	LC Duplex
<b>Colour</b>	Jacket - SM - Yellow, OM3/OM4 - AQUA Connector Housing - SM - Blue, OM3/OM4 - AQUA Connector Boot - SM - Blue, OM3/OM4 - AQUA

## Mechanical Characteristics

Nominal Diameter (mm) : 1.8mm Zipcord

### Environmental Characteristics:

Operation temperature : -10°C to +60°C  
 ROHS compliant  
 Halogen Free

### Optical Characteristics:

Type	Insertion Loss (IL)	Return Loss (RL)	Test Wavelength
SM	≤0.15 dB Max	≥55 dB min	1310/1550 nm
MM OM3 / OM4	≤0.15 dB Max	≥25 dB min	850 nm

Note: Appropriate cable loss would be added to the insertion loss for lengths ≥ 50M.

### Testing Standards

Insertion loss (IL) : IEC 61300-3-4  
 Return Loss (RL) : IEC 61300-3-6

### Part Number Configuration

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Product Type			Connector Type End A	Connector Type End B	Fiber Type		Cable Type	Cable Size		Fiber Count	Colour		Jacket type	Product Length		
D	P	P	5	5	0	4	D	3	0	2	A	Q	L	1	0	0

#### Product Type

DPP Patch Cord

#### Connector Type End A

5 LC UPC

#### Connector Type End B

5 LC UPC

#### Fiber Type

03 OM3  
 04 OM4  
 A1 G657A1

#### Cable Type

D Duplex

#### Cable Size

1 8 1.8 mm

#### Fiber Count

2 2#Fiber

#### Colour

YL Yellow  
 AQ Aqua

#### Jacket Type

R OFNR  
 L LSZH  
 P OFNP  
 B LSZH: B2ca  
 C LSZH: Cca  
 D LSZH: Dca  
 E LSZH: Eca  
 F OFNR UL rated  
 G OFNP UL rated

#### Product Length

X45 0.45 mtr  
 X05 0.5 mtr  
 001 1 mtr  
 005 5 mtr  
 010 10 mtr  
 100 100 mtr

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