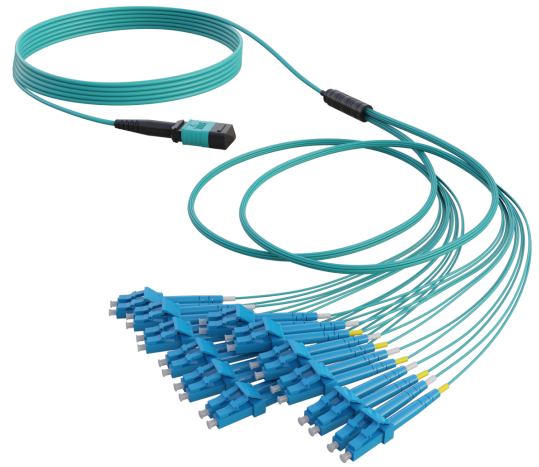


# MPO to LC Fanout Cable Assembly



STL MPO to LC fanout cables assemblies are the most useful cable assemblies when it comes to separating the multifiber connection to individual port connectivity. The high precision connectors, terminated with state of art manufacturing process and tested using high end optical instrument, warranty a performance comparable to any of the premium brands. These products meet the performance requirements as per the international standards for optical interconnects.

MPO to LC fanout cable assemblies are supported with wire map of Type A/B & C. These products can be made available with individual LC legs with customized staggered lengths to safely manage the cable leg length in the high-density panels and sub-racks.

## Features & Benefits

- High precision MPO patch cords with 8/12/16/24fiber options
- High precision and low loss LC Connector
- Bend insensitive fiber in both SM and MM version
- Offered in various outer jacket options
- Low loss optical performance

## Physical Characteristics

<b>Fibre Type</b>	SM - G657A1, MM - OM3/OM4
<b>Fibre Count</b>	8/12/16/24
<b>Jacket Material</b>	Refer to part number configuration table
<b>Connector Type</b>	MPO
<b>Colour - MPO Connector</b>	Connector Housing: SM - Mustard Yellow   OM3, OM4 - Aqua Connector Boot: Black
<b>Colour - LC Connector</b>	Connector Housing: SM - Blue   OM3, OM4 - Aqua Connector Boot: SM - Blue   OM3, OM4 - Aqua

## Mechanical Characteristics

Nominal Diameter (mm)	8/12F - 3.0mm
	16/24F - 3.5mm

## Environmental Characteristics

Operation temperature : -10°C to +60°C

ROHS compliant

Halogen Free

## Optical Characteristics

Type / Parameter	Maximum Insertion Loss (IL)		Minimum Return Loss (RL)		Test Wavelength
	MTP	LC	MTP	LC	
MM OM3 / OM4	≤0.35dB	≤0.15dB	≥ 25 dB	≥ 25 dB	850/1300nm
SM G657A1	≤0.35dB	≤0.15dB	≥ 60 dB	≥ 55 dB	1310/1550nm

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	18
Product Type	Connector Type End A	Base	Connector End B	Fiber Type	Fiber Count	Colour	Polarity	Cable Type	Cable Length	Fan out Length							
M	F	F	B	B	B	0	4	1	2	A	Q	A	L	0	1	0	B

### Product Type

MF MPO Fanout

### Connector Type End A

F MPO Female  
M MPO Male

### Base

A Base 8  
B Base 12  
C Base 16  
D Base 24

### Connector End Type B

A LC/PC Simplex  
B LC/PC Duplex  
C LC/PC Uniboot

### Fiber Type

O3 OM3  
O4 OM4  
A1 G657A1

### Fiber Count

O8 08#Fiber  
12 12#Fiber  
16 16#Fiber  
24 24#Fiber

### Colour

YL Yellow  
AQ Aqua

### Polarity

A A  
B B  
C C  
X Custom

### Cable 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

### Cable Length

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

### Fan out Length

A 0.5 mtr  
B 1 mtr  
C 2 mtr  
X Staggered 1  
Z Staggered 2

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