

# MPO-LC Fan-out Patchcord Datasheet

Meets 40G/100G Ethernet and supports high-bandwidth applications, high-density solution.



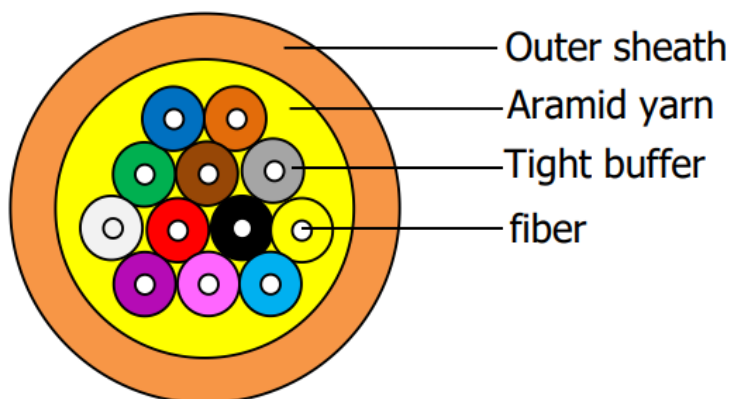
## • Description

OPTICO's MPO-LC fan-out patch cable is terminated with Channel to meet 40G/100G Ethernet. Designed for high-density data centers that save space and effectively reduce cable management time. OPTICO can provide a full range of MPO fan-out fiber cable. Its all factors could be arbitrarily matched with the advantages of stable transmission.

## • Features

- High quality CCTC ceramic ferrules
- Good repeatability and interchangeability
- Perfect solution for installs that require
- CE/CPR/ISO/ROHS √
- 100% 3D tested/Temperature tested/Loss tested before delivery
- High and low temperature cycle test
- Stable data interchangeability
- Long mating cycles

## • Cable structure



The distribution cable uses some tight buffer fibers wrapped with a layer of aramid yarn as the optical communication medium, and it is completed with an outer sheath.

- Technical Specifications

Item	Parameter
Fiber Count	8-144Fibers
Fiber Mode	SM/MM
Fiber Grade	Bending Insensitive
Connector A	MPO/MTP
Connector B	LC or customized
Polish Type	UPC/PC
Cable Jacket	PVC/LSZH/OFNP
Jacket Color	Aqua or customized
Outer Cable Diameter(mm)	6.2
Fan-out cable Diameter(mm)	2.0
Minimum Bending Radius	10D/20D(Static/Dynamic)

Optical Testing	Parameter
Insertion Loss(dB)	<0.35
Return Loss(dB)	≥35
Wavelength(nm)	850/1300
Tensile Strength(N)	180N(Long Term)/500N(Short Term)
Operating Temperature(°C)	-40~85
Storage Temperature(°C)	20~70

- Tips:

Due to the COVID-19, sorry that you and our team couldn't visit face to face with each other. In order to make the customers know us more, please visit our VR factory, it is just like you were really standing in our factory.

OPTICO Fiber Assemblies Production Line VR :<https://www.linked-reality.com/company/15555/en>