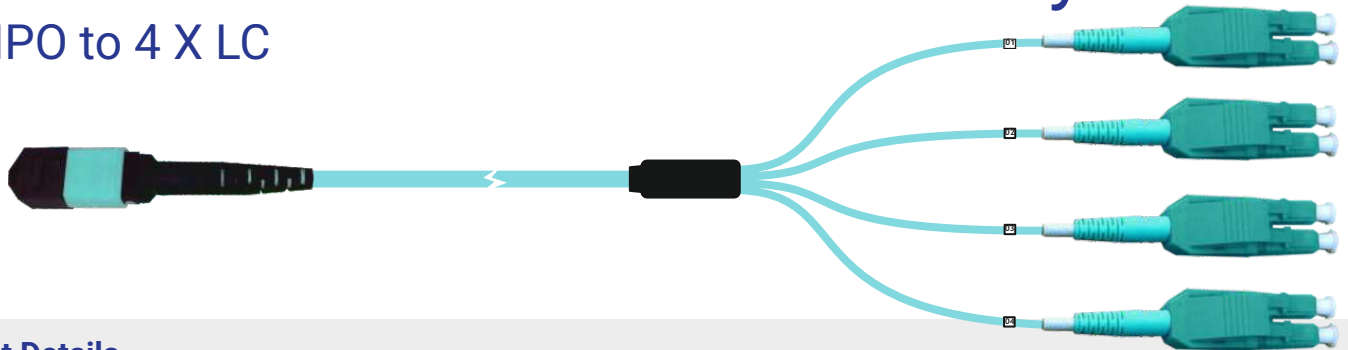


MPO to LC Trunk Cable Assembly

8F MPO to 4 X LC



Product Details

STL's high-performance fanout cable assemblies are engineered for seamless conversion of high-density multi fibre connections into individual port connectivity. The MPO to LC/SC fanout cables simplify signal distribution from backbone networks to equipment ports, using precision connectors and state-of-the-art manufacturing for consistent, high-quality performance that meets international standards.

Our QSFP to SFP fanout assemblies convert 40G/100G signals into 4x 10G/25G links, enabling efficient interconnection between high-speed switches and servers. Designed with a special wire map and LC duplex footprint, these cables ensure reliable, low-loss signal transition. Built with LSZH outer jackets for safety in indoor environments, STL fanout assemblies offer performance and reliability comparable to leading global brands.

Product Specification

Fibre Type	Bend Insensitive SM G.657.A1 and MM OM4/ OM5
Capacity	8F
Cable Jacket Colour	SM - Yellow MM OM4 - Aqua MM OM5 - Lime Green
Fan-out Cable Jacket Colour	SM - Yellow MM OM4 - Aqua MM OM5 - Lime Green
Jacket Cable Diameter (mm)	Small Diameter (S): 3.0 Indoor Trunk Cable (D): 3.5
Fan-out Cable Diameter	2.0
Length Tolerance	+20cm/-0
Fan-out Tolerance	+10cm/-0
Outer Jacket Material	LSZH
MPO Connector	Housing: SM - Yellow , MM OM4 - Aqua, MM OM5 - Lime Green Boot: Black
MPO Connector	Female = Unpinned
LC Uniboot Connector	Housing: SM - Blue, MM OM4 -Aqua, MM OM5 - Lime Green Boot: SM - Black MM OM4 - Aqua
Operating Temperature	-20°C to +70°C

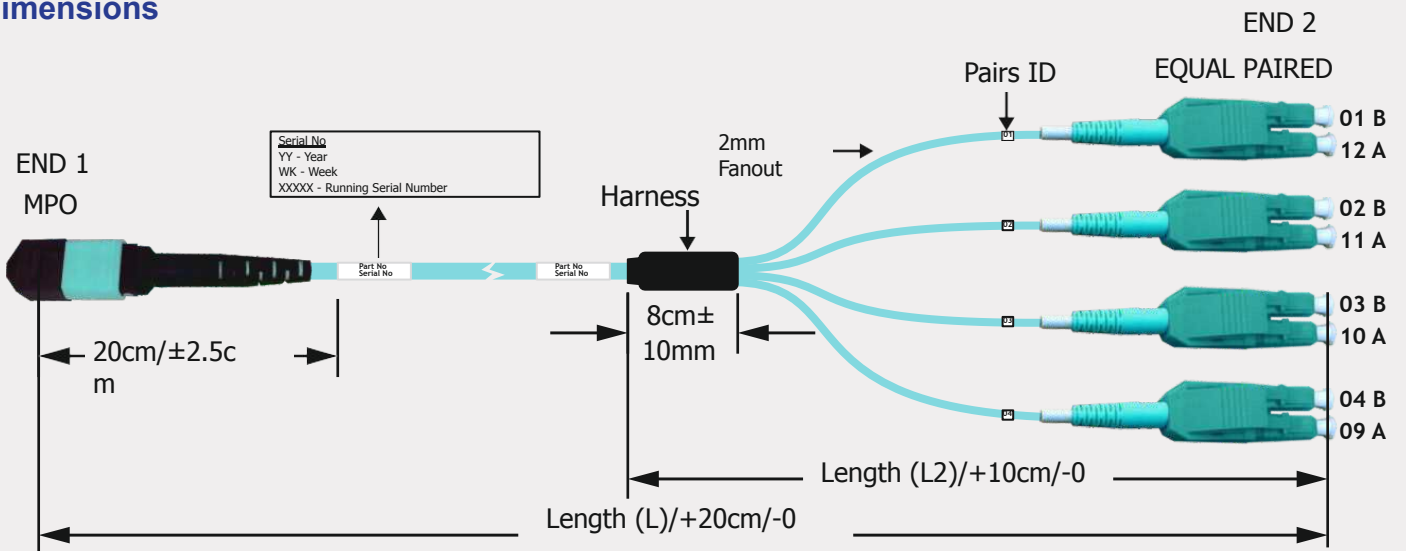
Optical Specifications

MPO - LC Fan-out Cable Assemblies		SM IL (dB)	SM RL(dB)	MM IL(dB)	MM RL(dB)
Connector	Loss	@1310/1550nm	@1310/1550nm	@850/1300nm	@850/1300nm
MPO/PC - LC PC/PC	Low Loss	NA	NA	≤ 0.55	≥ 35dB
MPO - APC - LC APC	Low Loss	≤ 0.60	≥ 60dB	NA	NA
MPO -APC - LC UPC	Low Loss	≤ 0.60	≥ 55dB	≤ 0.60	≥ 35dB

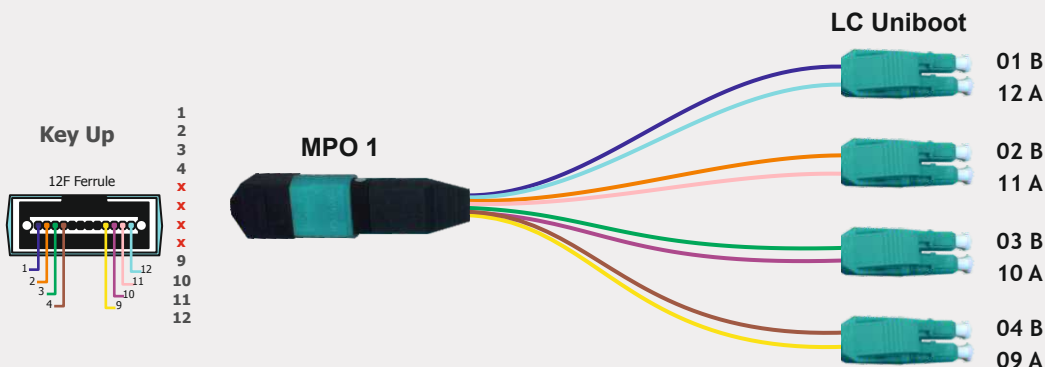
Testing Standards

End Face Characteristics	As per IEC 61300-3-35
Optical performance	Insertion loss (IL): as per IEC 61300-3-4 Return loss (RL): as per IEC 61300-3-6

Dimensions



MPO Fan-out Assembly



Part Number Configurator

Product Type	Cable Type	Fibre Type	Terminated Fibre Count	Jacket Type	End Connector 1	End Connector 2	Loss	Length UoM	Length	Special Character
M	S	9	A	L	1	6	L	M	099	000

Product Type		Fibre Type		Terminated Fibre Count		Jacket Type		End Connector-2		Loss	
M	MPO	9	SM OS2 BSMF	A	8F	L	LSZH	6	Uniboot Duplex LC/UPC	L	Low Loss
		4	OM4, BIMMF			End Connector-1				Length UoM	
		5	OM5, BIMMF			1	8F MPO - Male - Base 8			F	Feet
Cable Type						2	8F MPO - Female - Base 8			M	Metres
D	Indoor trunk cable									Length	
S	Small Diameter									L	001 to 999
										Special Character	
										000	No Customization
										001	Pulling Eye
										002	Staggered
										003	Packaging Style

For additional information please contact your sales representative.

You can also visit our website at www.stl.tech

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