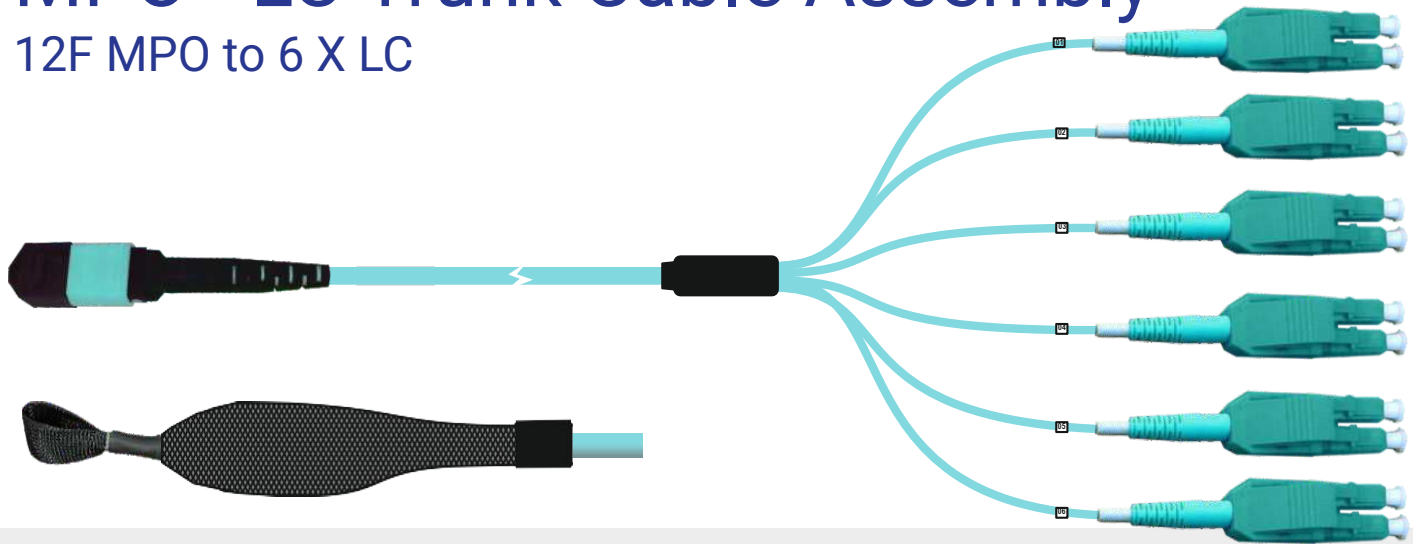


# MPO - LC Trunk Cable Assembly

12F MPO to 6 X LC



## Product Specification

<b>Fibre Type</b>	<b>SM - G.657.A1</b> <b>Bend Insensitive MM - OM3/ OM4/ OM5</b>
<b>Capacity</b>	8F/ 12F
<b>Outer Jacket Diameter (mm)</b>	3.5
<b>Jacket Colour</b>	<b>SM Fibre - Yellow; MM Fibre - OM3/OM4 - Aqua; MM Fibre - OM5 - Lime Green</b>
<b>Inner Jacket Cable Diameter (mm)</b>	2
<b>Length Tolerance</b>	Length (L) up to 10m-L-0/+0.20Mtr and 10m-L+2%L/-0 Mtr
<b>Break-outs Length (L1 &amp; L2) (m)</b>	1.0, -0/+0.10
<b>Outer Jacket Material</b>	LSZH
<b>MPO Connector Housing</b>	<b>SM-Yellow; OM3/OM4-Aqua; OM5 - Lime Green</b>
<b>MPO Connector Boot</b>	Black
<b>MPO Connector</b>	<b>Female = Unpinned</b> <b>Male = Pinned</b>
<b>LC Connector</b>	<b>SM - Blue; MM OM3/OM4 - Aqua; MM OM5 - Lime Green</b>
<b>Operating Temperature</b>	-20°C to +70°C

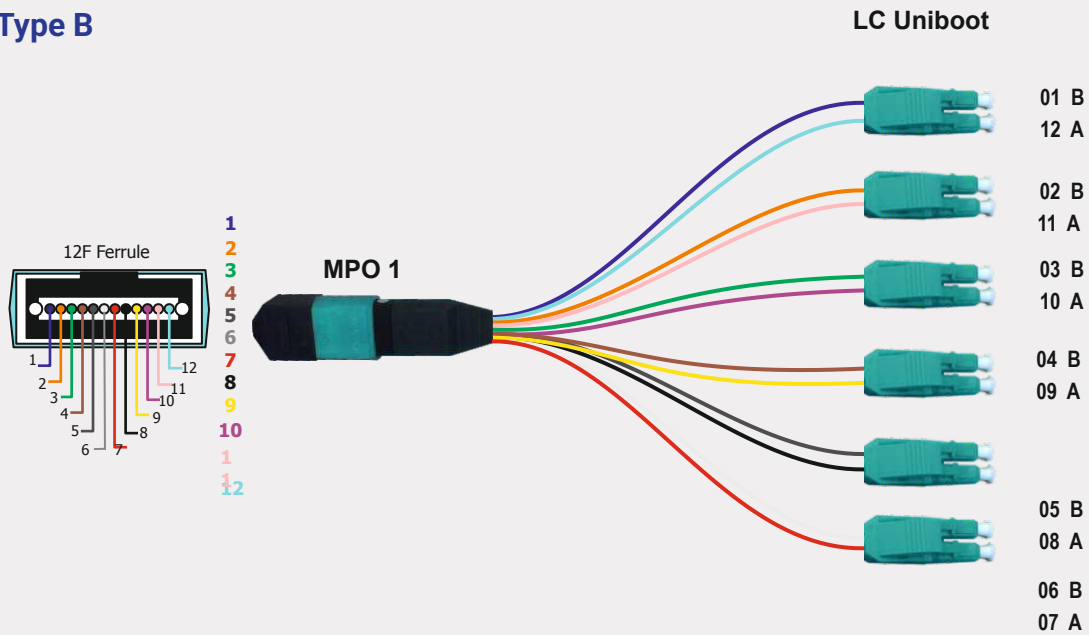
## Testing Standards

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

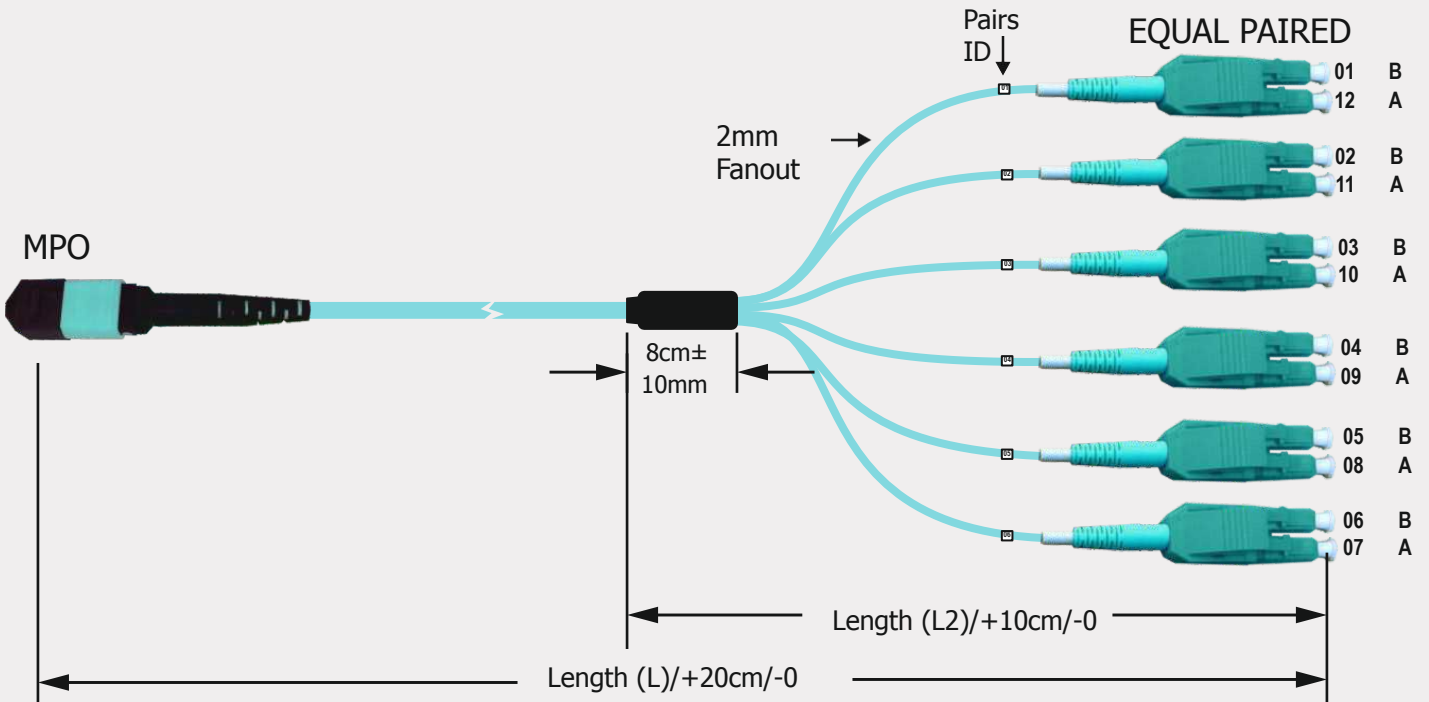
Optical Specifications

MPO Trunks		SM IL (dB)	SM RL(dB)	MM IL(dB)	MM RL(dB)
Connector	Loss	@1310/1550nm	@1310/1550nm	@850/1300nm	@850/1300nm
MPO/PC	Low Loss	NA	NA	≤ 0.30	≥ 35dB
	Ultra Low Loss	NA	NA	≤ 0.25	≥ 35dB
MPO APC	Low Loss	≤ 0.35	≥ 60dB	≤ 0.35	≥ 35dB
	Ultra Low Loss	≤ 0.30	≥ 60dB	≤ 0.30	≥ 35dB
LC PC/UPC	Low Loss	≤ 0.25	≥ 55dB	≤ 0.25	≥ 30dB
	Ultra Low Loss	≤ 0.20	≥ 55dB	≤ 0.20	≥ 30dB
LC APC	Low Loss	≤ 0.25	≥ 60dB	NA	NA
	Ultra Low Loss	≤ 0.20	≥ 60dB	NA	NA

Polarity Type B



Dimensions



### 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	D	9	B	L	4	6	L	M	099	000

<b>Product Type</b>		<b>Fibre Type</b>		<b>Terminated Fibre Count</b>		<b>Jacket Type</b>		<b>End Connector-2</b>		<b>Loss</b>	
<b>M</b>	MPO	<b>9</b>	SM OS2 BISMF	<b>B</b>	12F	<b>L</b>	LSZH	<b>6</b>	Uniboot Duplex LC/UPC	<b>L</b>	Low Loss
		<b>3</b>	OM3, BIMMF			<b>End Connector-1<sup>1</sup></b>				<b>U</b>	Ultra Low Loss
		<b>4</b>	OM4, BIMMF			<b>3</b>	12F MPO - Male - Base 12			<b>Length UoM</b>	
		<b>5</b>	OM5, BIMMF			<b>4</b>	12F MPO - Female - Base 12			<b>F</b>	Feet
<b>Cable Type</b>										<b>M</b>	Metres
<b>D</b>	Indoor trunk cable									<b>Length</b>	
										<b>L</b>	001 to 999
										<b>Special Character</b>	
										<b>000</b>	No Customization
										<b>001</b>	Pulling Eye
										<b>002</b>	Staggered
										<b>003</b>	Packaging Style

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