

MPO Trunk Cable Assembly

8F/12F



Product Specification

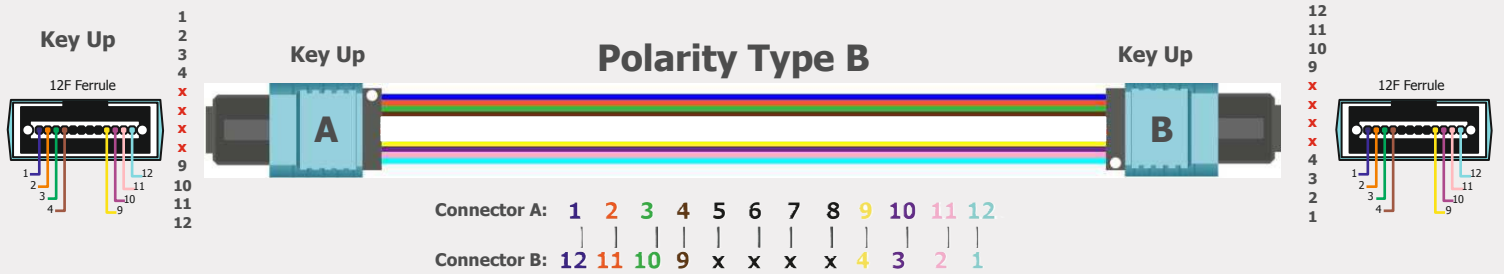
Fibre Type	SM - G.657.A1 Bend Insensitive MM - OM3, OM4
Capacity	8F/ 12F
Outer Jacket Diameter (mm)	3.5
Jacket Colour	SM Fibre - Yellow MM Fibre - OM3/OM4 - Aqua
Inner Jacket Cable Diameter (mm)	2
Length Tolerance	Length (L) up to 10m-L-0/+0.20Mtr and 10m-L+2%L/-0 Mtr
Break-outs Length (L1& L2) (m)	1.0,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

Optical Specifications

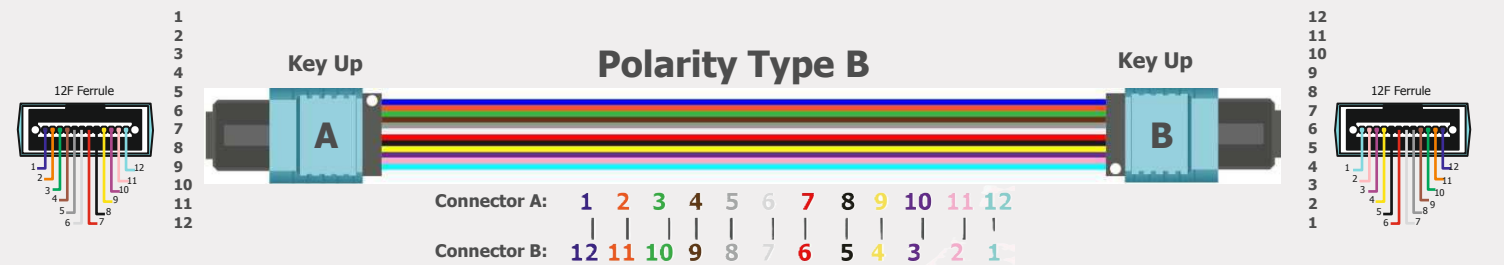
MPO Trunks		SM IL (dB)	SM RL(dB)	MM IL(dB)	MM RL(dB)
Connector	Loss	@1310/1550nm	@1310/1550nm	@850/1300nm	@850/1300nm
MPO/PC	Low Loss	NA	NA	≤ 0.30	≥ 35dB
	Ultra Low Loss	NA	NA	≤ 0.25	≥ 35dB
MPO APC	Low Loss	≤ 0.35	≥ 60dB	≤ 0.35	≥ 35dB
	Ultra Low Loss	≤ 0.30	≥ 60dB	≤ 0.30	≥ 35dB

Polarity Type B

8F MPO Trunk



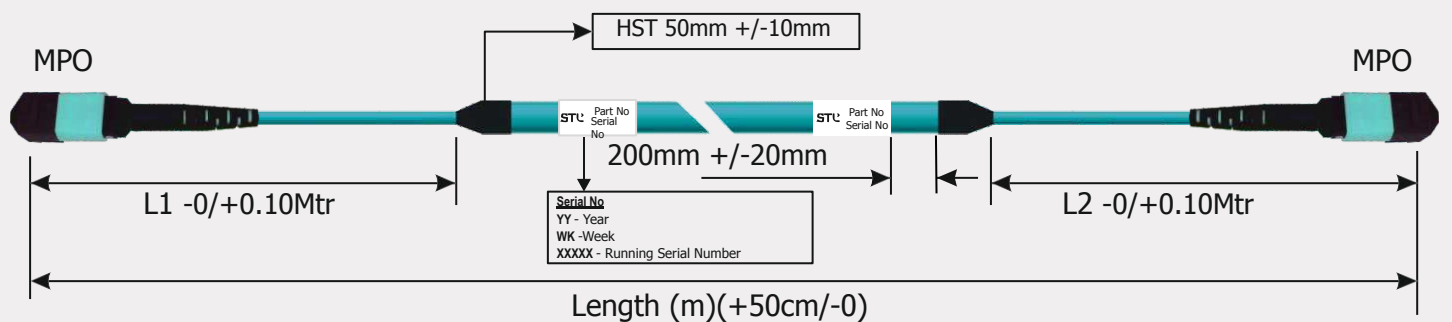
12F MPO Trunk



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



Part Number Configurator

Product Type	Cable Type*	Fibre Type	Terminated Fibre Count	Jacket Type	End Connector 1 ¹	End Connector 2 ¹	Loss	Length UoM	Length	Special Character
M	D	9	B	L	4	4	L	M	099	000

Product Type	Fibre Type	Terminated Fibre Count	Jacket Type	End Connector-2 ¹	Loss
M MPO	9 SM OS2 BISMF	A 8F ²	L LSZH	1 8F MPO - Male - Base 8	L Low Loss
	3 OM3, BIMMF	B 12F ³	End Connector-1¹	2 8F MPO - Female - Base 8	U Ultra Low Loss
	4 OM4, BIMMF	C 24F	1 8F MPO - Male - Base 8	3 12F MPO - Male - Base 12	
		D 48F	2 8F MPO - Female - Base 8	4 12F MPO - Female - Base 12	
		E 72F	3 12F MPO - Male - Base 12	5 Uniboot Duplex LC/APC	
		F 96F	4 12F MPO - Female - Base 12	6 Uniboot Duplex LC/UPC	
		G 144F		U Underminated	

Cable Type*	Length UoM	Length	Special Character
D Indoor trunk cable (8,12,24,48,96,144 fibres)	F Feet	L 001 to 999	000 No Customization
	M Metres		001 Pulling Eye
			002 Staggered
			003 Packaging Style

Note:

- Others on request
- Available in Base 8 configuration only
- Available in Base 12 configuration only

For additional information please contact your sales representative.

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

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