

MPO Trunk Cable Assembly

24F - 144F



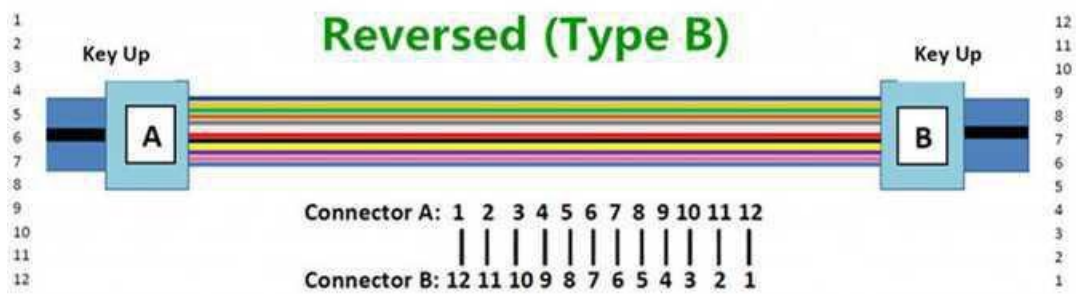
Product Specification

Fibre Type	SM - G.657.A1 Bend Insensitive MM - OM3/ OM4/ OM5
Capacity	24F - 144F
Jacket Colour	SM Fibre - Yellow MM Fibre - OM3/OM4 - Aqua MM Fibre - OM5 - Lime Green
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/+0.10
Outer Jacket Material	LSZH
MPO Connector Housing	SM - Yellow MM OM3/OM4 - Aqua MM Fibre - OM5 - Lime Green
MPO Connector Boot	Black
MPO Connector	Female = Unpinned Male = Pinned
Operating Temperature	-20°C to +70°C

Optical Specifications

MPO Trunks & Array Cords		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

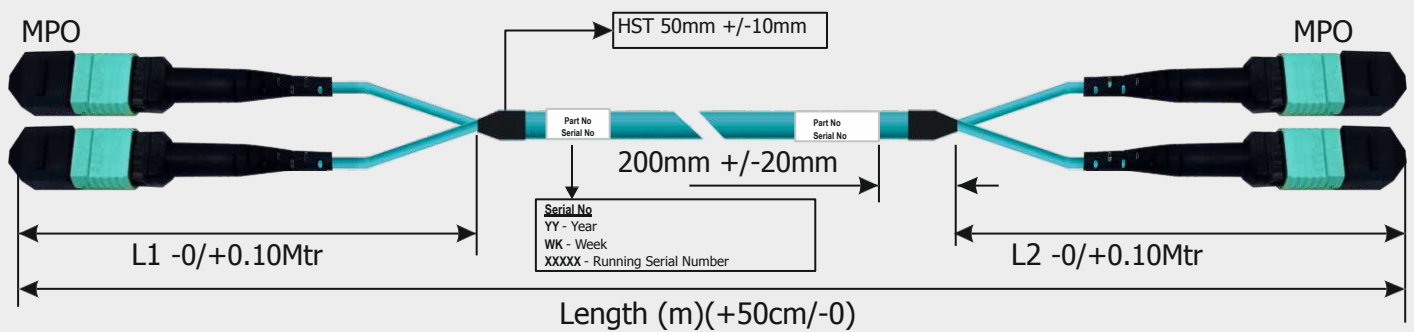
Polarity Type B



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	End Connector 2	Loss Type	Length UoM	Length	Special Character
M	D	9	C	L	4	4	L	M	099	000

Product Type	Fibre Type	Terminated Fibre Count	Jacket Type	End Connector-2	Loss Type
M MPO	9 SM G657A1	C 24F	L LSZH	1 8F MPO - Male - Base 8	L Low Loss
	3 OM3, BIMMF	D 48F	End Connector-1	2 8F MPO - Female - Base 8	U Ultra Low Loss
Cable Type	4 OM4, BIMMF	E 72F	1 8F MPO - Male - Base 8	3 12F MPO - Male - Base 12	Length UoM
D Indoor Trunk Cable	5 OM5, BIMMF	F 96F	2 8F MPO - Female - Base 8	4 12F MPO - Female - Base 12	F Feet
		G 144F	3 12F MPO - Male - Base 12	U Unterminated	M Metres
			4 12F MPO - Female - Base 12		Length
					L 001 to 999
					Special Character
					000 No Customization
					001 Pulling Eye
					002 Staggered
					003 Packaging Style

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