

# MPO Trunk Cable Assembly

24F - 144F



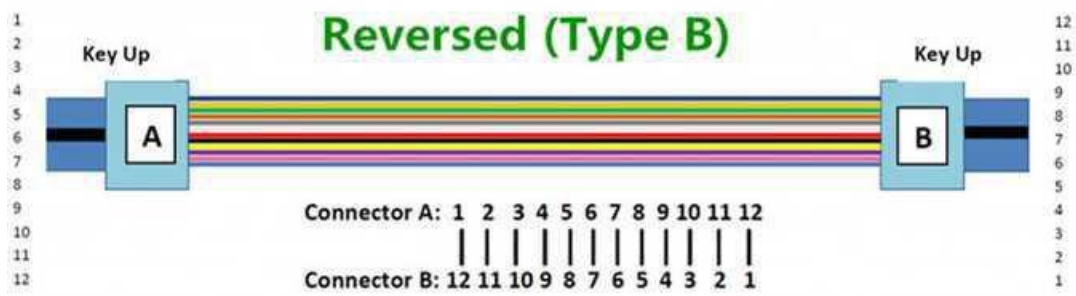
## Product Specification

Fibre Type	SM - G.657.A1 Bend Insensitive MM - OM3, OM4
Capacity	24F - 144F
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/+0.10
Outer Jacket Material	LSZH
MPO Connector Housing	SM - Yellow MM OM3/OM4 - Aqua
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

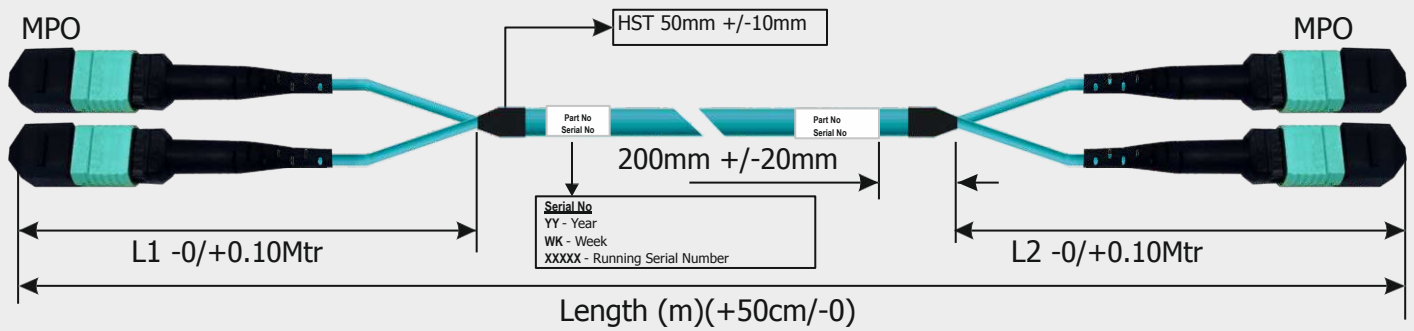
## Polarity Type B



## 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

**M** MPO

## Fibre Type

**9** SM G657A1  
**3** OM3, BIMMF  
**4** OM4, BIMMF

## Terminated Fibre Count

**C** 24F  
**D** 48F  
**E** 72F  
**F** 96F  
**G** 144F

## Jacket Type

**L** LSZH

## End Connector-1

**1** 8F MPO - Male - Base 8  
**2** 8F MPO - Female - Base 8  
**3** 12F MPO - Male - Base 12  
**4** 12F MPO - Female - Base 12

## End Connector-2

**1** 8F MPO - Male - Base 8  
**2** 8F MPO - Female - Base 8  
**3** 12F MPO - Male - Base 12  
**4** 12F MPO - Female - Base 12  
**5** Uniboot Duplex LC/APC  
**6** Uniboot Duplex LC/UPC  
**U** Underterminated

## Loss Type

**L** Low Loss  
**U** Ultra Low Loss

## Cable Type

**D** Indoor trunk cable

## Length UoM

**F** Feet  
**M** Metres

## Length

**L** 001 to 999

## Special Character

**000** No Customization  
**001** Pulling Eye  
**002** Staggered  
**003** Packaging Style

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