

# MPO Trunk Cable Assembly

24F - 144F



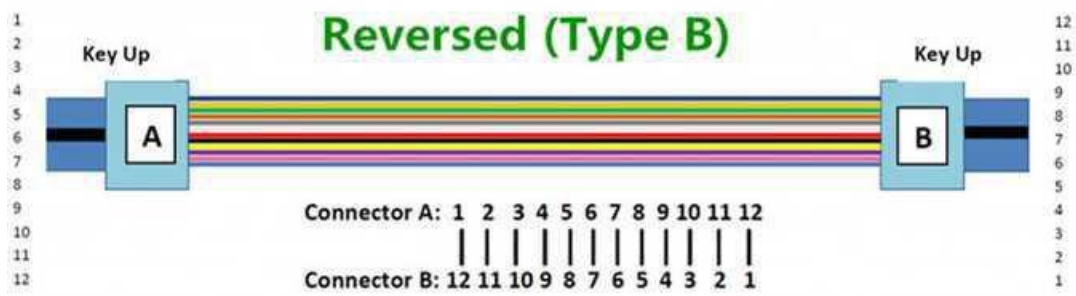
## Product Specification

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

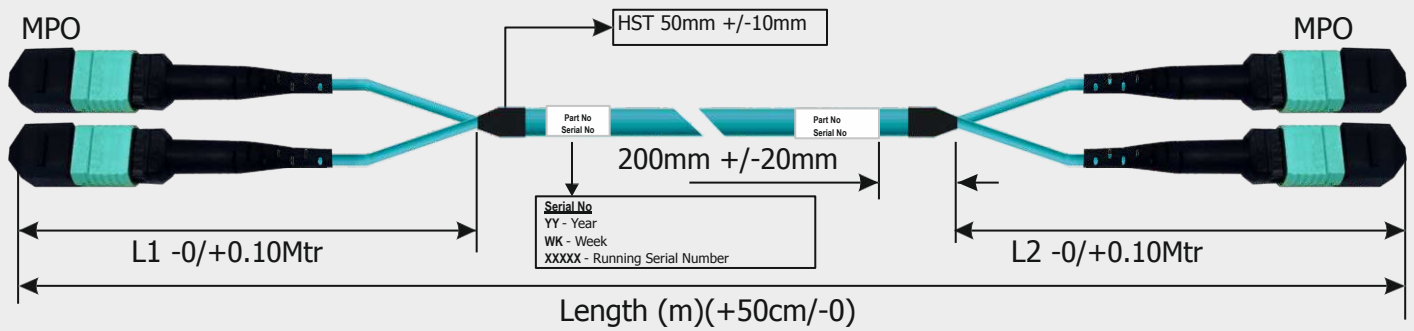
## Polarity Type B



## 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

<b>Product Type</b>	<b>Fibre Type</b>	<b>Terminated Fibre Count</b>	<b>Jacket Type</b>	<b>End Connector-2</b>	<b>Loss Type</b>
<div>M</div> MPO	<div>9</div> SM G657A1	<div>C</div> 24F	<div>L</div> LSZH	<div>1</div> 8F MPO - Male - Base 8	<div>L</div> Low Loss
	<div>3</div> OM3, BIMMF	<div>D</div> 48F	<b>End Connector-1</b>	<div>2</div> 8F MPO - Female - Base 8	<div>U</div> Ultra Low Loss
<b>Cable Type</b>	<div>4</div> OM4, BIMMF	<div>E</div> 72F	<div>1</div> 8F MPO - Male - Base 8	<div>3</div> 12F MPO - Male - Base 12	<b>Length UoM</b>
<div>D</div> Indoor Trunk Cable		<div>F</div> 96F	<div>2</div> 8F MPO - Female - Base 8	<div>4</div> 12F MPO - Female - Base 12	<div>F</div> Feet
		<div>G</div> 144F	<div>3</div> 12F MPO - Male - Base 12	<div>6</div> Uniboot Duplex LC/UPC	<div>M</div> Metres
			<div>4</div> 12F MPO - Female - Base 12	<div>U</div> Unterminated	<b>Length</b>
					<div>L</div> 001 to 999
					<b>Special Character</b>
					<div>000</div> No Customization
					<div>001</div> Pulling Eye
					<div>002</div> Staggered
					<div>003</div> Packaging Style

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