

Diagram is for illustration.

9	Heatshrink	2
8	Serial Number Label (Wrap-around)	2
7	3mm Channel Identification Marker (1~N)	2N
6	MPO Connector Boot (Black)	2N
5	End B MPO Connector (See MPO Connector Options)	N
4	End A MPO Connector (See MPO Connector Options)	N
3	3mm Furcation Tubing (See Cable Options)	1
2	Breakout Module	2
1	LSZH Micro Cable (See Cable Options)	1
Item No	Description	Qty.

01	27/01/2021	First release		
REV No.	DATE	DETAIL		
REV: REV 01				
SHEET 1/2				
DRW: S.W		TITLE: 12~144f MPO Trunk Polarity Variants		
Tolerances		DWG NO: NXMO-N00485-01	UNIT: mm	SCALE: 1:1
Length<0.5m	-0/+100mm	CHECK: M.G	DATE: 27/01/2021	
0.5m≤Length<5m	-0/+150mm	APPR: YES		
5m≤Length<20m	-0/+200mm			
Length≥20m	+/-1%			

Fibre Mapping Options

Polarity A

End A

MPO Polarity as viewed from ferrule end face with Keyway at the top - Left to Right	
Position	Fibre Colour
1	Blue
2	Orange
3	Green
4	Brown
5	Grey
6	White
7	Red
8	Black
9	Yellow
10	Purple
11	Pink
12	Aqua

End B

MPO Polarity as viewed from ferrule end face with Keyway at the top - Left to Right	
Position	Fibre Colour
1	Blue
2	Orange
3	Green
4	Brown
5	Grey
6	White
7	Red
8	Black
9	Yellow
10	Purple
11	Pink
12	Aqua

Polarity B

End A

MPO Polarity as viewed from ferrule end face with Keyway at the top - Left to Right	
Position	Fibre Colour
1	Blue
2	Orange
3	Green
4	Brown
5	Grey
6	White
7	Red
8	Black
9	Yellow
10	Purple
11	Pink
12	Aqua

End B

MPO Polarity as viewed from ferrule end face with Keyway at the top - Left to Right	
Position	Fibre Colour
1	Aqua
2	Pink
3	Purple
4	Yellow
5	Black
6	Red
7	White
8	Grey
9	Brown
10	Green
11	Orange
12	Blue

Polarity C

End A

MPO Polarity as viewed from ferrule end face with Keyway at the top - Left to Right	
Position	Fibre Colour
1	Blue
2	Orange
3	Green
4	Brown
5	Grey
6	White
7	Red
8	Black
9	Yellow
10	Purple
11	Pink
12	Aqua

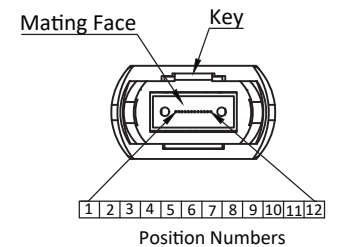
End B

MPO Polarity as viewed from ferrule end face with Keyway at the top - Left to Right	
Position	Fibre Colour
1	Orange
2	Blue
3	Brown
4	Green
5	White
6	Grey
7	Black
8	Red
9	Purple
10	Yellow
11	Aqua
12	Pink

Cable Options


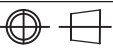
Fibre Count	Cable OD(mm)
12f	4.5
24f	4.5
48f	9.0
72f	11.5
96f	13.5
144f	17.5

Fibre Type	Cable Jacket Colour	3mm Furcation Tubing Color
G.657.A1	Yellow	Yellow
OM3	Aqua	Aqua
OM4	Erika Violet	Erika Violet



MPO Connector Options

MPO Options	Sleeve Colour
MPO Multimode Standard (Male or Female)	Beige
MPO Singlemode Standard (Male or Female)	Green
OM3 MPO Multimode Low Loss (Male or Female)	Aqua
OM4 MPO Multimode Low Loss (Male or Female)	Erika Violet
MPO Singlemode Low Loss (Male or Female)	Yellow

01	27/01/2021	First release
REV No.	DATE	DETAIL
	REV: REV 01	 TITLE: 12~144f MPO Trunk Polarity Variants
	SHEET 2/2	
	DRW: S.W	
Tolerances		DWG NO: NXMO-N00485-01 UNIT: mm SCALE: 1:1
Length<0.5m	-0/+100mm	DATE: 27/01/2021 
0.5m≤Length<5m	-0/+150mm	
5m≤Length<20m	-0/+200mm	
Length≥20m	+/-1%	
	CHECK: M.G	
	APPR: YES	