



MPO12 APC MMF Breakout Cables Datasheet

Applicable to Infiniband and Ethernet network architecture cabling



Standards Compliance

- YD/T1272.5-2019
- IEC 61300-3-35
- RoHS and REACH

Features

- Polish Type: APC
- Low loss Connector
- OM3, OM4 available
- Factory Pre-terminated 100% Tested
- Support InfiniBand, Ethernet network

Technical Specification

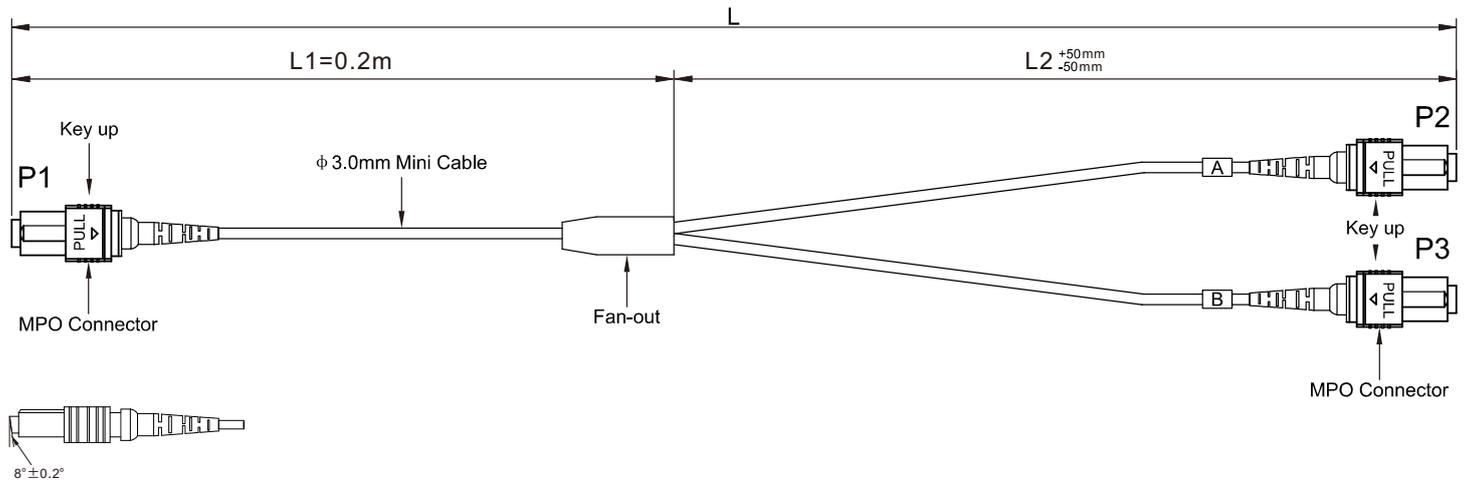
ITEM	Description
Fiber Count	8 Fibers
Fiber Mode	OM3: Length ≤ 30m OM4: Length > 30m
Connector Type	MPO Female
Polish Type	APC
Cable Jacket Ratings	PVC(OFNR)/LSZH
Connectors Color	Green
Cable Jackets Color	Aqua(OM3); Violet(OM4)
Trunk Length	0.2m
Cable Diameter	3.0mm
Polarity	Type B

ITEM	Description
Insertion Loss	MM:APC≤0.35dB
Return Loss	MM:APC≥25dB
Wavelength	850/1300nm
Operating Temperature	-20~70°C
Storage Temperature	-40~70°C

Polarity: Type B

P1		P2	P3
Pin No.	Connection	Pin No.	Pin No.
1	----->	12	-
2	----->	11	-
3	----->	-	12
4	----->	-	11
5	Not used	-	-
6	Not used	-	-
7	Not used	-	-
8	Not used	-	-
9	←-----	-	2
10	←-----	-	1
11	←-----	2	-
12	←-----	1	-

Technical Drawing



Cable Length	Tolerances
$L \leq 1m$	+150mm/-0
$1m < L \leq 30m$	+150mm/-50
$L > 30m$	+1%/-0

Ordering Information

$\frac{\text{MPO/F/APC}}{1} - \frac{\text{MPO/F/APC}}{2} - \frac{\text{OM3}}{3} - \frac{8B}{4} - \frac{B3.0}{5} - \frac{3M/2.8M}{6} - \frac{\text{LSZH}}{7} - \frac{\text{Yellow}}{8} - \frac{B}{9}$
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- 1-Connector A: MPO/F/APC:MPO Female APC;
- 2-Connector B: MPO/F/APC:MPO Female APC;
- 3-Fiber Type: OM3; OM4;
- 4-Fiber Count: 8B:8F Bundled Cable;
- 5-Breakout Type: B3.0: 3.0mm Breakout Cable;
- 6-Cable Length: 3M/2.8M: Cable total length 3M, branch length 2.8M;
- 7-Cable Jacket Ratings: LSZH; PVC(OFNR);
- 8-Cable Color: Aqua(OM3);Violet(OM4);
- 9-Polarity: B: Type B;



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