



Infiniband Network Cables Datasheet

MPO-2MPO Breakout Cables



Standards Compliance

- TIA/EIA 568.3-D
- IEC 61300-3-35
- RoHS and REACH

Features

- Polish Type: APC
- Low loss Connector
- OM3, OM4 available
- Factory Pre-terminated 100% Tested
- Supports InfiniBand, Ethernet and NVLink protocols

Technical Specification

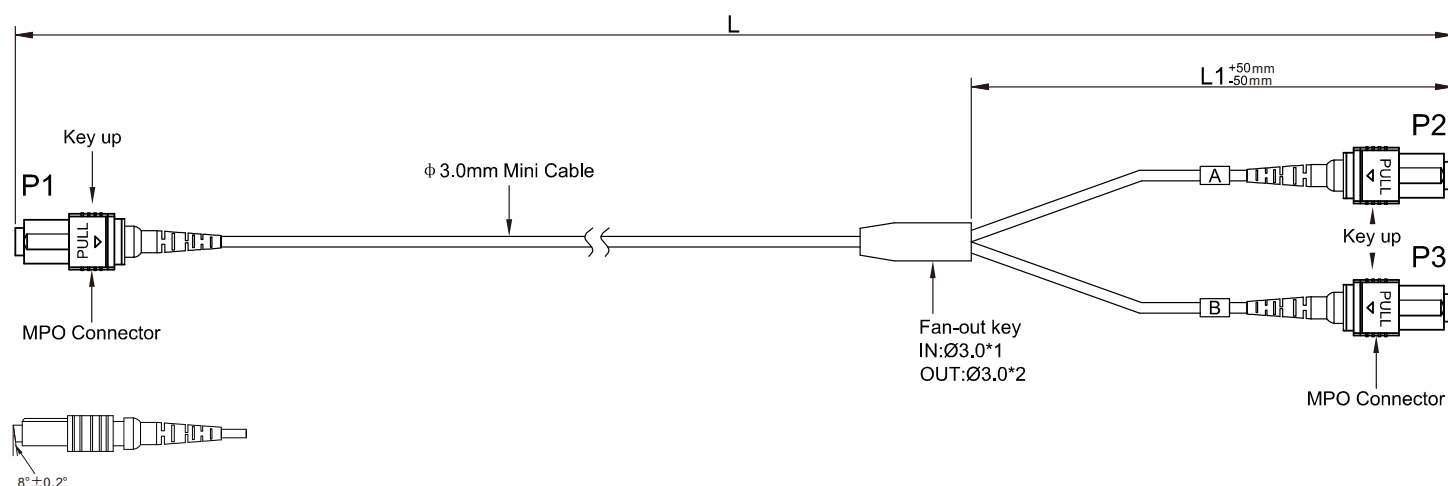
ITEM	Description
Fiber Count	8 Fibers
Fiber Mode	OM3: Length ≤ 30m OM4: Length > 30m
Connector Type	MPO Female
Polish Type	APC
Cable Jacket Ratings	PVC(OFNR)/LSZH
Connectors Color	Green
Cable Jackets Color	Aqua(OM3); Violet(OM4)
Breakout Length	0.2m
Cable Diameter	3.0mm
Polarity	Type B

ITEM	Description
Insertion Loss	MM:APC≤0.35dB
Return Loss	MM:APC≥35dB
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
$L < 5m$	$+0.1m/-0$
$L \geq 5m$	$+2\% \times L \text{ m}/-0$

Ordering Information

MPO/F/APC - MPO/F/APC - OM3 - 8B - B3.0 - 3M - LSZH - Aqua - B

1

2

3

4

5

6

7

8

9

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;5M;7M;10M;15M;20M;

7-Cable Jacket Ratings: LSZH; PVC(OFNR);

8-Cable Color: Aqua(OM3);Violet(OM4);

9-Polarity: B: Type B;