



Infiniband Network Cables Datasheet

MPO-MPO Trunk 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

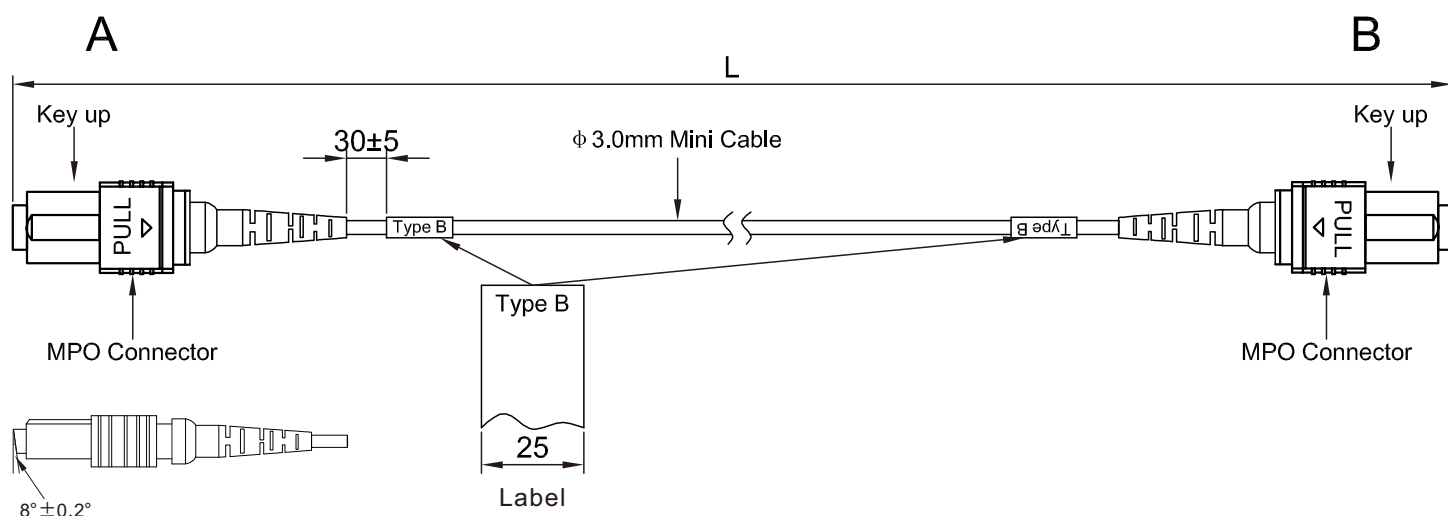
ITEM	Description
Fiber Count	8 Fibers
Fiber Mode	OM3: Length ≤ 30m OM4: Length > 30m
Connector Type	MPO Female
Polish Type	APC
Cable Jacket Ratings	PVC(OFNR)/LSZH
Connectors Color	Green
Cable Jackets Color	Aqua(OM3); Violet(OM4)
Cable Diameter	3.0mm
Polarity	Type B

ITEM	Description
Insertion Loss	MM:APC≤0.35dB
Return Loss	MM:APC≥35dB
Wavelength	850/1300nm
Operating Temperature	-20~70℃
Storage Temperature	-40~70℃

Polarity: Type B

A		B
Pin No.	Connection	Pin No.
1	-----→	12
2	-----→	11
3	-----→	10
4	-----→	9
5	Not used	8
6	Not used	7
7	Not used	6
8	Not used	5
9	←-----	4
10	←-----	3
11	←-----	2
12	←-----	1

Technical Drawing



Cable Length	Tolerances
$L < 5\text{m}$	$+0.1\text{m}/-0$
$L \geq 5\text{m}$	$+2\% \times L \text{ m}/-0$

Ordering Information

MPO/F/APC - MPO/F/APC - OM3 - 8B - S - 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: S:No Breakout;
- 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;