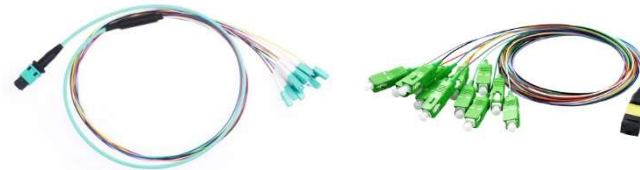


MPO/MTP Breakout Patch Cord

Features:

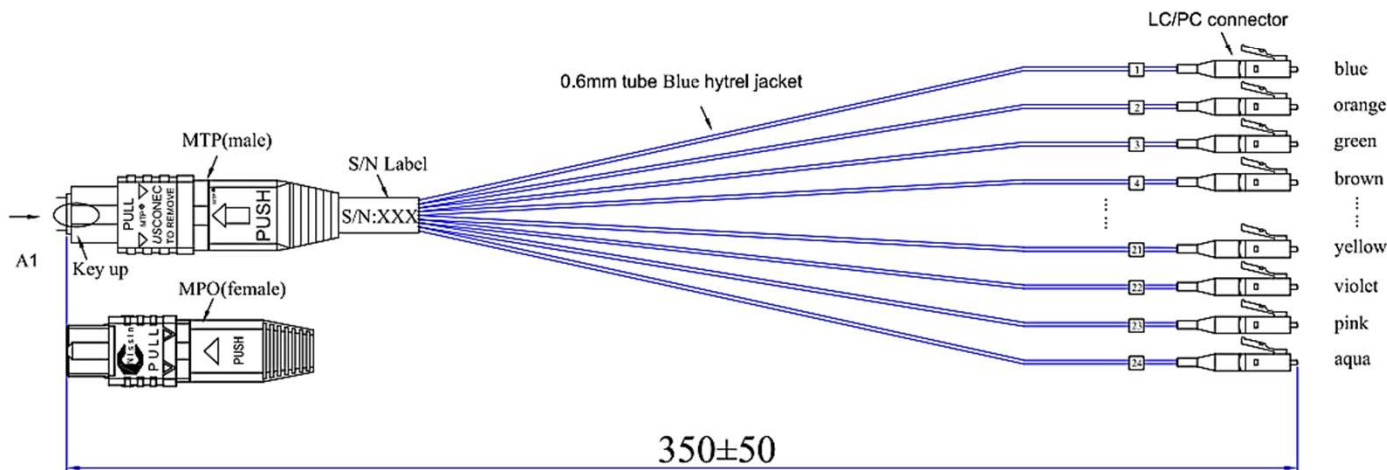
- Low insertion loss
- High repeatability and high stability
- MPO / MTP polarity can be arbitrarily matched
- Meets GR326 or IEC 61300-2 standards



Specification:

Items	SC/LC/FC			MTP/MPO(Std)		MTP/MPO(Elite)		
	SM		MM	SM	MM	SM		MM
Insertion Loss	UPC	APC	PC	12F,24F	12F,24F	12F	24F	12F,24F
	≤0.3dB			≤0.7dB		≤0.35dB	≤0.5dB	≤0.35dB
Return Loss	≥50dB	≥60dB	≥30dB	≥55dB	≥20dB	≥55dB		≥20dB
Durability	500 times							
Operation temperature	-25°C ~ +70°C							
Fiber Type	OS2/OM1/OM2/OM3/OM4							

MPO/MTP-24(2x12)LC/PC Breakout Patch Cord Mechanical Drawing



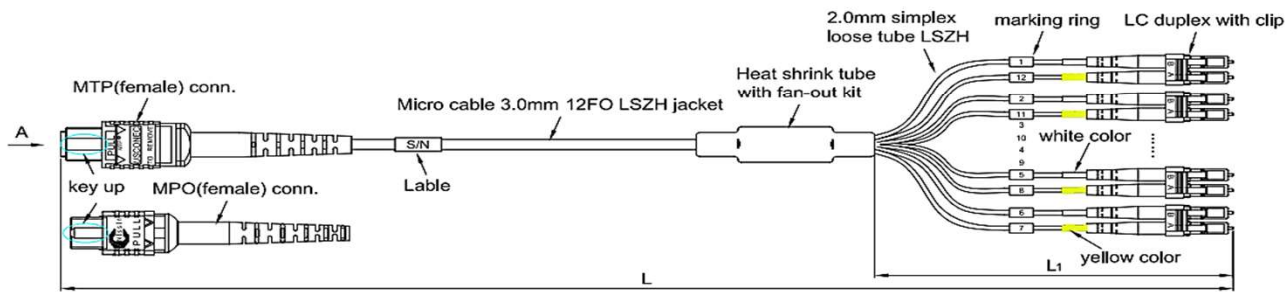
Technical requirement:

1. Optical performances:
 SM/MM-MTP: IL ≤ 0.7dB, LC: IL ≤ 0.3dB
 Elite(SM)-MTP: IL ≤ 0.5dB, LC: IL ≤ 0.3dB
 Elite(MM)-MTP: IL ≤ 0.35dB, LC: IL ≤ 0.3dB
2. No dust cap showing on the drawing.

Length: 0.35 fan Out 0.6mm cooler tubing

Unit: mm

MPO/MTP-LC 3.0mm Breakout Patch Cord Mechanical Drawing



Color of 12F bare fiber:

blue / orange / green / brown / gray / white / red / black / yellow / purple / pink / aqua

Technical requirement:

1. Optical performances:

Low loss:

MTP/MPO: IL ≤ 0.35dB, LC: IL ≤ 0.3dB.

Standard loss:

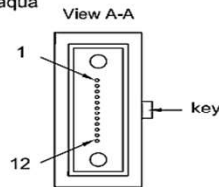
MTP/MPO: IL ≤ 0.7dB, LC: IL ≤ 0.3dB.

2. Marking ring 1/12, 2/11, 3/10, 4/9, 5/8, 6/7 with one duplex clip.

3. Fiber Polarity please see view A-A.

4. The dimensions according to customer's requirements.

5. No dust cap showing on the drawing.



Note: number 1~12 just represent the channel of ferrule.

MTP/MPO fiber	fiber color	LC channel
1	blue	1
2	orange	2
3	green	3
4	brown	4
5	gray	5
6	white	6
7	red	7
8	black	8
9	yellow	9
10	purple	10
11	pink	11
12	aqua	12

3.0mm 12Fo fan-out 2.0mm LSZH jacket

Unit: mm