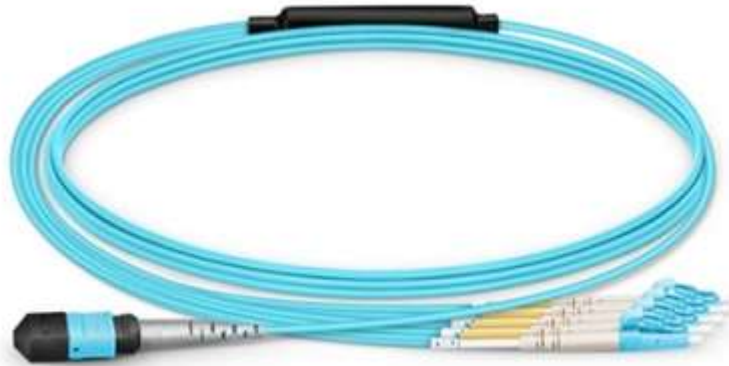

MPO to LC Breakout Cable Series



Description

Fiber patch cord, often called fiber patch cable, fiber jumper, or fiber patch lead is a length of fiber cable that terminated with fiber optic connectors at each end. The connectors allow fiber optic patch cord to be rapidly connected to an optical switch or other telecommunications/computer device. Fiber jumper is a key player for indoor use, like in server rooms or in data centers.

Applications

- ❑ CATV
- ❑ Data processing networks
- ❑ Telecommunication networks
- ❑ WANs and LANs

Features

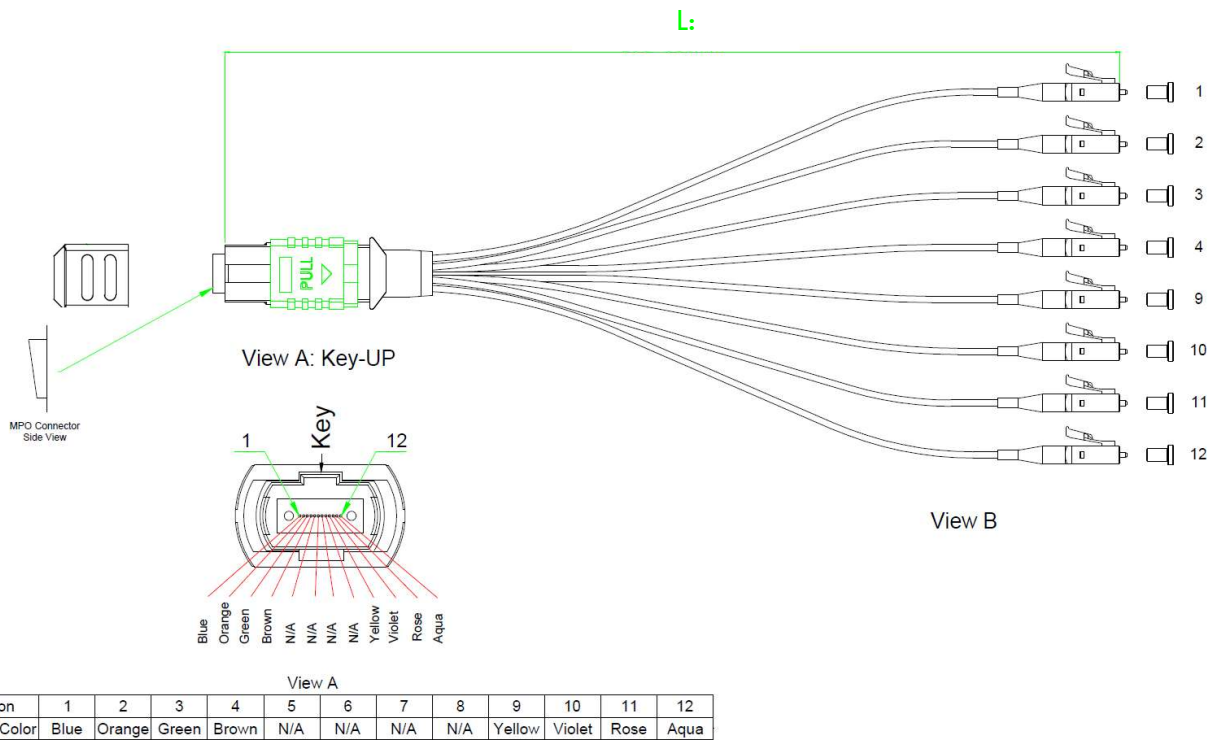
- ❑ Connector options: MPO/PC, MPO/APC to LC/UPC types
- ❑ 8/12/24 cords available
- ❑ Choice of cable color and length
- ❑ LSZH cable jacket

Parameters

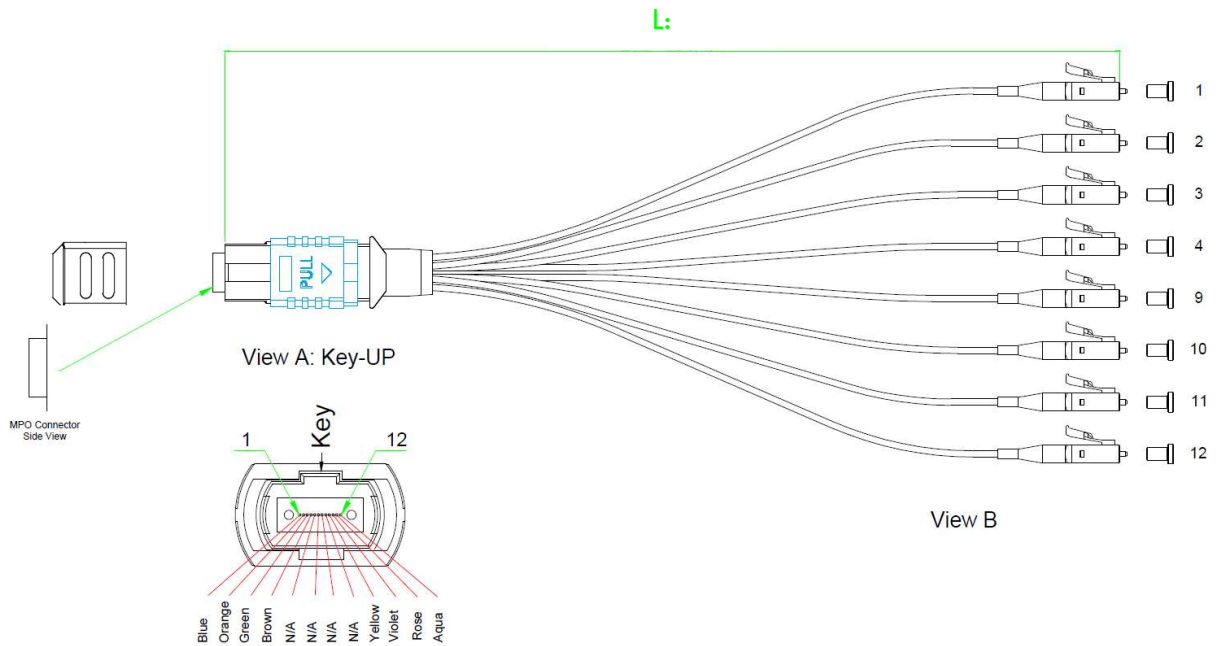
Item	Unit	Single Mode Fiber		Multi-mode Fiber
Connector		MPO		
Insertion Loss	dB	≤ 0.35		≤ 0.35
Return Loss	dB	APC		UPC
		≥ 60		≥ 30
Connector		LC		
Insertion Loss	dB	≤ 0.3		≤ 0.3
Return Loss	dB	UPC	APC	UPC
		≥ 50	≥ 60	≥ 50
Repeatability	dB	MPO: $\leq 0.5@ 500$ times; LC: $\leq 0.1@ 1000$ times		
Operating Temperature	$^{\circ}\text{C}$	-10~70		
Storage Temperature	$^{\circ}\text{C}$	-40~85		
Optical Cable Diameter	mm	$\phi 3.0$		

Polarity Illustration

A. Single Mode Fiber Type



B. Multi-mode Fiber Type



Ordering Information

YFP	Connector	Connector	Fiber Type	Cords	Cable Diameter	Cable Length (1m)	Cable Length (10cm)	Special
4	5	6	7	8	9, 10	11	12	
A: MPO/PC (male)	3: LC/UPC	3: Multi-Mode, OM3 MPO Connector: Beige Cable: Aqua blue	8: 8 Cords	3: 3mm	XX: 00~99 m	X: 0~9 *10cm	0: Standard	
B: MPO/APC (male)		4: Multi-Mode, OM4 MPO Connector-Violet Cable-Violet	A: 12 Cords					
E: MPO/PC (female)		5: Multi-Mode, OM5 MPO Connector: Lime Green Cable: Lime Green	B: 24 Cords					
F: MPO/APC (female)		A: Single-Mode, G652D						

Example: MPO/PC-LC/UPC, Multi-Mode OM4 Fiber, 8 cords Cable, Diameter: 3mm, Length: 2m

PN: YFP-A3-48302-00