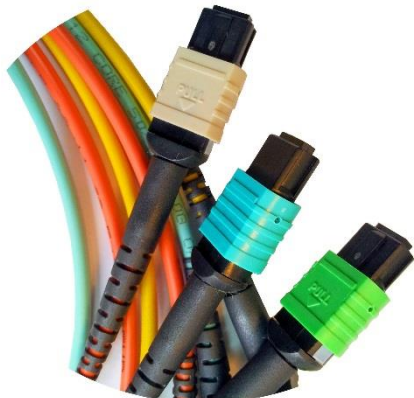


Fiber Optical MPO/MTP Patch-cord

Part Number: FMPO-xxx-xxxx-xxxx(x) (-xxx)



Overview

FMPO series MPO/MTP Patch-cords provide ideal cabling solution of High Density and Speed network environment. With 8~24 Fiber counts in one single cable, it reduce the physical space and labor requirement, while providing the same bandwidth capacity. Ficer's FMPO series are made with high quality approved MPO / MTP connector and various cable. It is the most safe and flexible answer for system cable deploying.

Applications

- Data Center
- High Speed 40G, 100G, 200G, 400G Network
- Optical Access Network
- Broadband / CATV System

Features

- 8, 12, 16, 24 Fiber count available
- High Density & Compact Size
- Compliant with IEC61754-7, TIA/EIA 604-5, GR-326, GR-1435
- LSZH, OFNR, OFNP cable jacket

Technical Parameters

Fiber Type	SM (APC)	MM OM1 OM2	MM OM3	MM OM4
MPO Connector Color	Green	Beige	Aqua	Aqua or Violet
Operating Wavelength	1270~1610nm	850nm / 1300nm		
MPO Insertion Standard Loss*	≦0.75dB	≦0.75dB		
MPO Insertion Low Loss (Elite)*	≦0.35dB	≦0.35dB		
Other Connector Insertion Loss*	≦0.30dB			
Return Loss*	≦-60dB	≦-20dB		
MPO Fiber Height	1000~3000nm			
MPO adjacent Fiber height difference	≦200nm			
MPO all Fiber height difference	≦350nm			

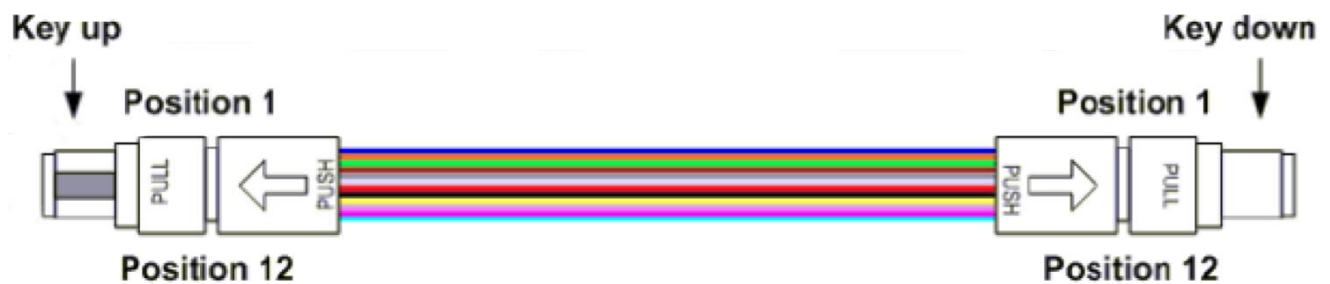


MPO X / Y End-face Angel	-0.2 ~ 0.2 um
Operating Temperature	-40 ~ +70°C

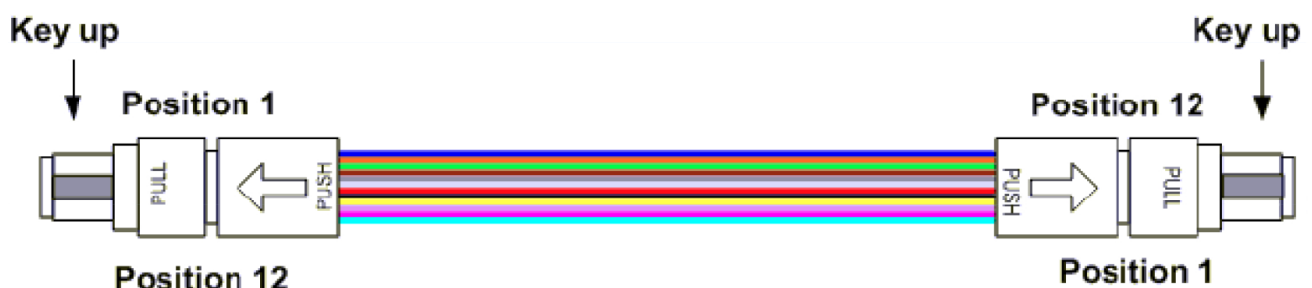
*Measured with 1310nm for SMF and 850nm for MMF

Fiber Configuration

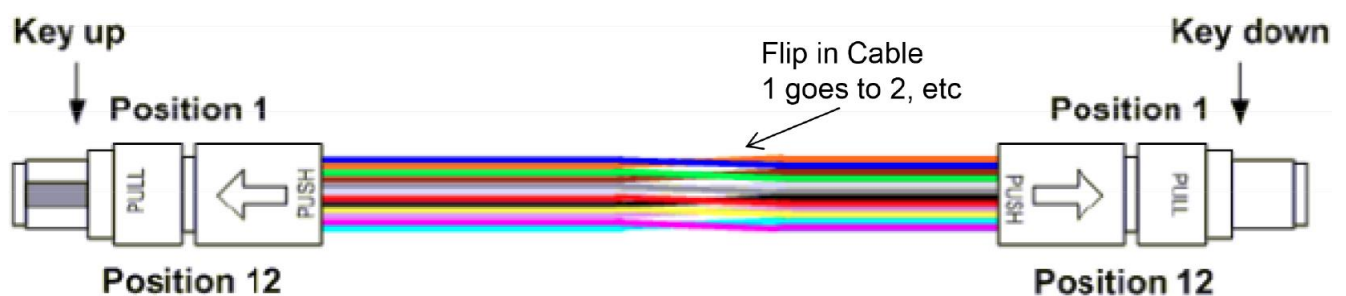
Type A



Type B



Type C





MPO Breakout Cable Diagram

