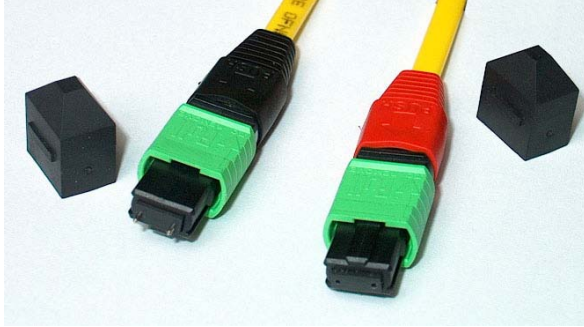


MPO (MTP) Patchcord

Description:

The MPO is connector manufactured specifically for multi-fiber ribbon cable. Connection integrity is provided by the spring action side latch housing and alignment is achieved with high precision guide pins. The housing are colored-coded to differentiate singlemode and multimode. Removable housing allow for quick change of pin clamps, ferrule cleaning or connector repolishing.



Features:

- Available SM (angled) and MM (flat)
- Push-on / Pull-off latching connector
- Easy connection and disconnection
- No need for matching material
- Fiber protrusion
- Low Insertion loss & Reflection
- Simple & Low cost
- IEC61754-7, TIA/EIA 604-5

Application:

- Patch cord : Bare fiber ribbon type and Ruggedized type
- Fan-out cord with single fiber connectors
- MPO connector kit

Specifications:

	Singlemode (angled)	Multimode (flat)
Insertion Loss	≤ 0.35 dB Premium ≤ 0.75 dB Standard	≤ 0.5 dB
Optical Return Loss	> 60 dB	> 35 dB
Operating Temperature	-40°C to +80°C	-40°C to +80°C
Durability	< 0,3 dB change (per EIA-455-21A) 500 remates	< 0,2 dB change (per EIA-455-21A) 1000 remates

Ordering code:

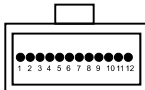
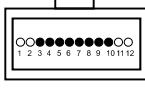
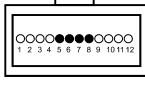
AAA		- XX XXX -		X	- (XX) ¹ -		XXX	
					XX-color		XXX - length [m]	
AAA								
Connector Type	Connector Description							
NMPO XYZ	Singlemode (angled)							
MPO XYZ	Multimode (Flat)							
X – number of fibers (4, 8, 12)								
Y – Male (M) or Female (F)								
Z – Premium (P)*								
or Standard (without mark)								
* only for Singlemode								
		XX - diameter of fiber, cable		XXX - type of fiber				
		RF ribbon fiber		OM1 MM 62.5/125 μm				
		RC ribbon cable		OM2 MM 50/125 μm				
				OM3 MM 50/125 μm				
				S2D SM 9/125 μm (G.652D)				
				S7A SM 9/125 μm (G.657A)				
				S7B SM 9/125 μm (G.657B)				

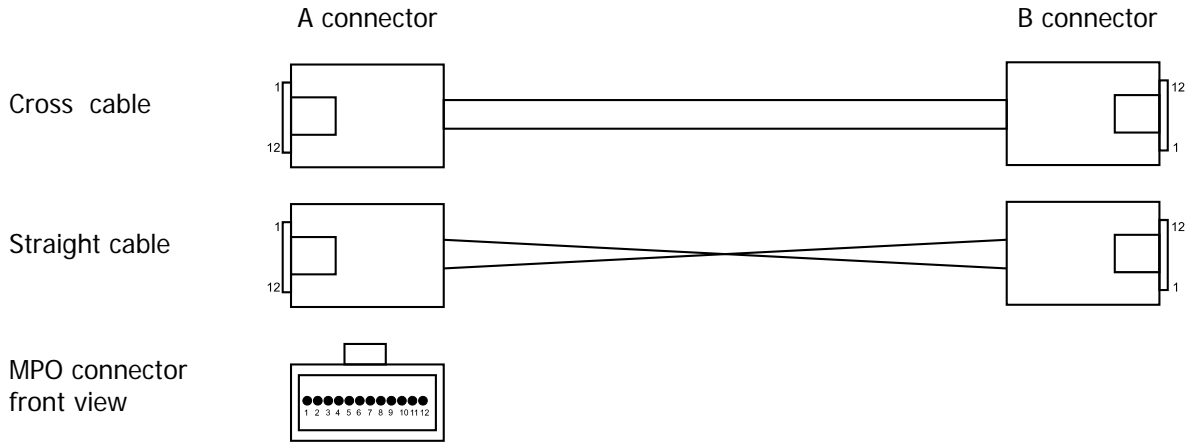
Note: 1) not filled when color is not defined

Color Code:

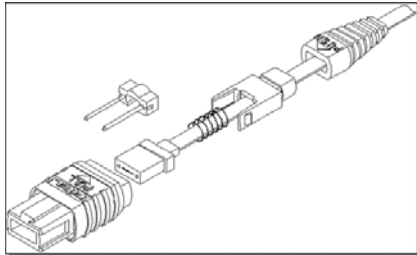
BK	BN	RD	OG	YE	GN	BU	VT	GY	WH	PK	TQ
Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White	Pink	Turquoise

Fibers interconnection:

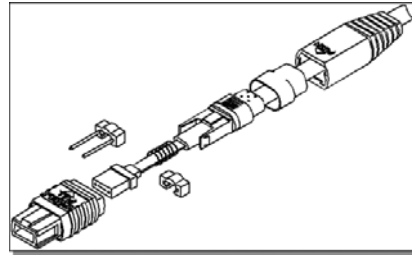
Cross cable		Straight cable		MPO 4, 8, 12 fibers
A connector	B connector	A connector	B connector	
1	12	1	1	 MPO 12
2	11	2	2	
3	10	3	3	
4	9	4	4	 MPO 8
5	8	5	5	
6	7	6	6	
7	6	7	7	 MPO 4
8	5	8	8	
9	4	9	9	
10	3	10	10	
11	2	11	11	
12	1	12	12	



MPO Connectors:



MPO Connector kit for bare-ribbon type



MPO Connector kit for ruggedized type

Sample:



NMPO 12M-NMPO 12F-RC S2D-JS-004.5

