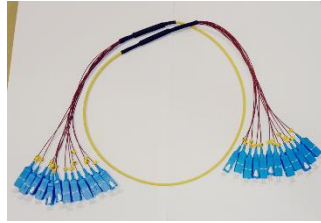




8mm Cable with 24F
2mm SC/PC Breakout



3mm Cable with 12F
0.9mm SC/PC Breakout



3mm Cable with 12F
0.9mm LC/PC Breakout



3mm Cable with 2.0mm
LC/PC Breakout

PDR MTP/MPO Fanouts are small form factor high-density fiber connector assemblies that breakout into discrete single ferrule connectors. A Fan-Out is used to facilitate the conversion from the ribbon to individual fiber format. Our MTP/MPO Fanouts are suitable for up to 100G applications to connect between equipment or to interconnect modules/panels in a data center. The fanouts also can be used for transitions between high to low bandwidth equipment. The Fanouts are available in Micro cable single and double jacket options and individual connectors are available as simplex/duplex/round duplex cable options. The MTP/MPO and single ferrule connectors are available in Standard and Elite versions to cater customer's power budget requirements the other type fanout patch cord is both end fanout patch cord, it's a low-cost, pre-assembled patch cord that's designed mainly for indoor interconnection between transmission equipment and patch panels or ODFS etc.

FEATURES

- Small factor breakout module from MPO to LC or SC Pigtails 0.9mm, 2.0mm SX, DX or Uniboot.
- Cable terminated with low loss 12 or 24 fiber MPO Connectors
- Compact design- easily stacked and secured for high-density applications
- Available in custom length and cable construction from 8,12 to 144 fibers
- Supports up to 8F, 12F, 24F, 48F, 72F, 96F, 144F, and also customized solutions are available
- 100% factory terminated and tested

APPLICATIONS

- Telecom, datacom
- Data communications system
- Optical fiber access networks
- High density architectures

SPECIFICATION

PARAMETERS		UNIT	VALUE			
MPO Connector		--	SM Standard	SM Low Loss	MM Standard	MM Low Loss
Insertion Loss	Typical	dB	0.35	0.20	0.35	0.20
	Maximun	dB	0.75	0.35	0.60	0.35
LC/SC/ST/FC Insertion Loss			0.3	0.2	0.3	0.2
Return Loss		dB	≥60 for APC		≥20 for PC	
		dB	≥50 for UPC		--	
Durability		dB	<0.2 for 200 times insertion			
Operating Temperature		°C	-40 ~75°C			
Ferrule Type Available		--	4,8,12,24			

ORDER INFORMATION

ORDER CODE example: **MPO-F-P-4-F-P-OS1-3-1-RC**

MPO with female connector1, pc end face1, female connector2, pc end face2. Fiber count is 4. Fiber mode is OS1. Cable diameter is 3.0mm and length 1mm. Cable type is Round Cable.

MPO	X	X	X	X	X	X	X	X	X
Code	Connector Type 1#	End Face 1#	Fiber Count	Connector Type 2#	End Face 2#	Fiber Mode	Cable Diameter	Cable Length	Cable Type
	F=MPO-Female M=MPO-Male F=FC S=SC T=ST L=LC	P=PC A=APC	4,8,12,24...	F=MPO-Female M=MPO-Male F=FC S=SC T=ST L=LC	P=PC A=APC	SM: OS1, OS2 MM: OM1 , OM2 , OM3 , OM4	9=0.9mm 2=2mm 3=3mm 4=4.5mm 5=7mm 6=8mm	1=1m 2=2m 3=3m ...	RJ:Jacket Ribbon Cable RB:Bare Ribbon Cable RC:Round Cable

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