

▣ Introduce

Fiber optic patch cord is used for linking the equipment and components in fiber optic network, is comprised of a polymer outer body and inner assembly fitted with a precision alignment mechanism. The combination of a ceramic/phosphor bronze alignment sleeves and precision molded polymer housing provides consistent long-term mechanical and optical performance.

▣ Features

- ▣ MPO connector complied with IEC-61754-7
- ▣ A quick-to-deploy
- ▣ Scalable solution
- ▣ High compatibility, flexibility & system performance
- ▣ Lower installation cost

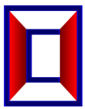
▣ Applications

- ▣ SAN (Storage area Network) data center LAN
- ▣ LAN/SAN switch equipment distribution area (EDA)
- ▣ Emerging 40G and 100G protocol



▣ Technical parameters

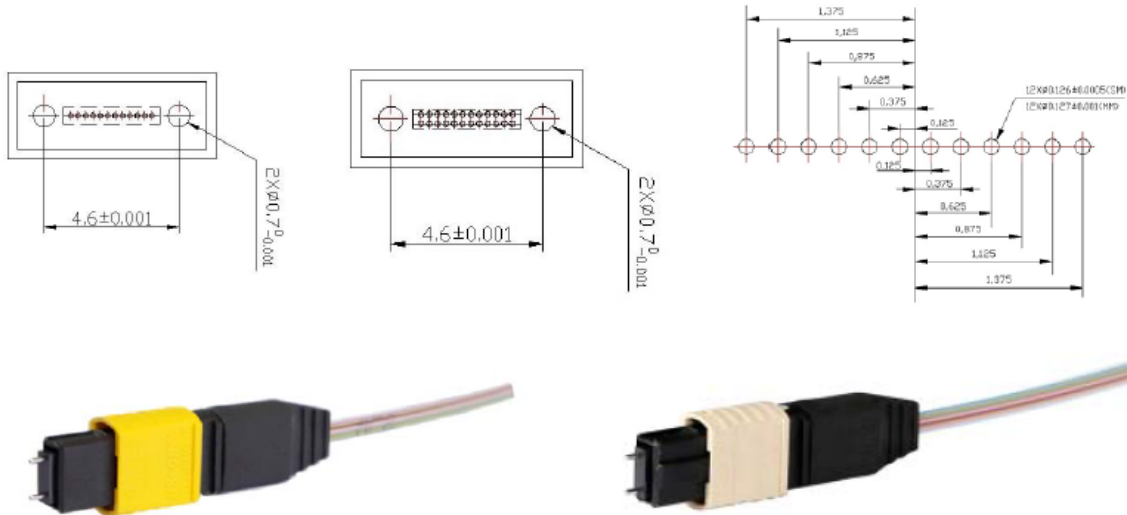
MPO Connector		Standard SM MT Ferrule		Low Loss SM MT Ferrule		Standard MM MT Ferrule	Low Loss MM MT Ferrule
Polish		APC	PC	APC	PC	PC	PC
Insertion Loss (dB)	Typical	0.5	0.5	0.3	0.3	0.5	0.3
	Maximun	0.7	0.7	0.5	0.5	0.7	0.5
Return Loss (dB)		60	45	60	45	20	20
Exchangeability (dB)		≤0.3					
Durability (dB)		≤0.2dB (500 Matings, per EIA-455-21A)					
Tensile Strength (dB)		≤0.3dB (Max 66N)					
Operating temperature(°C)		-20~+60					
Storage temperature (°C)		-40~+80					



MT Ferrule(Male&Female)

12F

24F

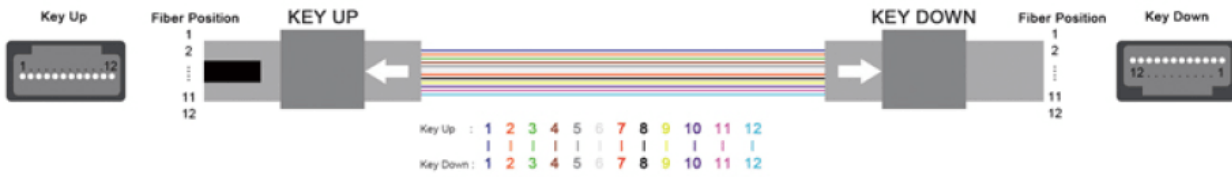


Cable type	Description
	Round housing Kits Female and Male----Cable Boot, Crimp Ring, Spring Push, Spring, Pin Clamp Assembly(Female or Male),Housing Assembly
	MPO connector Length 60.2mm
	Cable Boot 3.0mm or 3.6mm
	Female & Male MM boots Color---Beige, Aqua, Black, White...Special
	Female& Male SM boots Color—Green, Yellow, Mustard.....Special
	Oval housing Kits Female and Male----Cable Boot, Crimp Ring, Spring Push, Spring, Pin Clamp Assembly(Female or Male),Housing Assembly
	MPO connector Length 45.6mm
	Female & Male MM boots Color---Beige, Aqua, Black, White...Special
	Female& Male SM boots Color—Green, Yellow, Mustard.....Special
	Bare Ribbon Housing Kits Female and Male----Cable Boot, Crimp Ring, Spring Push, Spring, Pin Clamp Assembly(Female or Male),Housing Assembly
	MPO connector Length 43.0mm
	Female & Male MM boots Color---Beige, Aqua, Black, White...Special
	Female& Male SM boots Color—Green, Yellow, Mustard.....Special

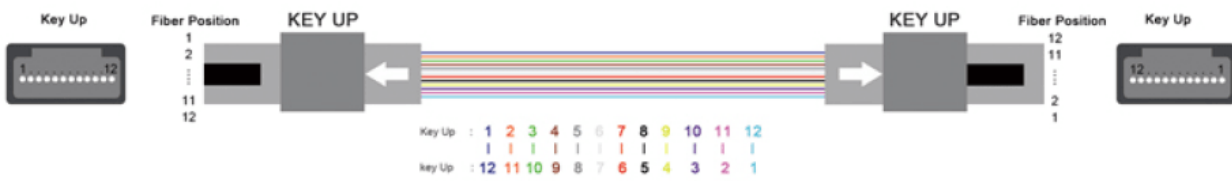


MPO Communication Marks Division

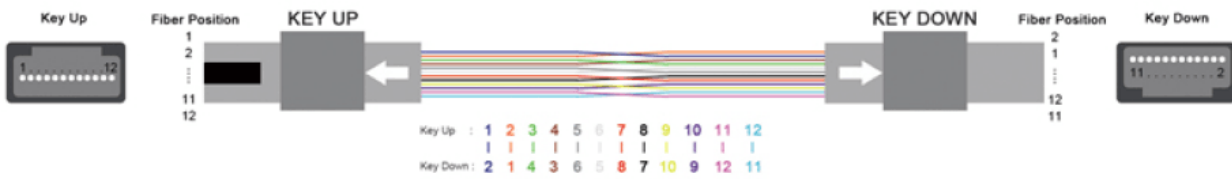
Polarity A: Straight Through

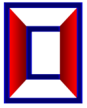


Polarity B: Cross



Polarity C: Cross Pair





Order information

A	B	C	D	E	F	G	H	I
MPO Polish	Housing Color	Cable Type	Fiber Type	Fiber Count	Cable Length	Pigtail Length	Polarity	Connector Type
1 : UPC	1 : Beige	1 : Bare-Ribbon	1 : SM 9/125 G652D	8 : 8	5 : 0.5m	5 : 0.5m	A : Polarity A	1 : MPO-Female
2 : APC 8 degree	2 : Aqua	2 : Oval	2 : SM 9/125 G657A	2 : 12	10 : 1.0m	10 : 1.0m	B : Polarity B	2 : MPO-Male
	3 : Green	3 : Round	3 : MM 50/125 (OM2)	24 : 24	20 : 2.0m	15 : 1.5m	C : Polarity C	3 : FC/APC
	4 : Yellow	0 : other	4 : MM 50/125 (OM3)	48 : 48	30 : 3.0mS	20 : 2.0m		4 : FC/UPC
	5 : Black		5 : MM 50/125 (OM4)	72 : 72	0 : other	25 : 2.5m		5 : SC/APC
	6 : Red		6 : MM 62.5/125 (OM1)	96 : 96		30 : 3.0mS		6 : SC/UPC
	0 : other			144 : 144		0 : other		7 : LC/APC
				0 : other				8 : LC/UPC
								9 : STMU
								0 : other