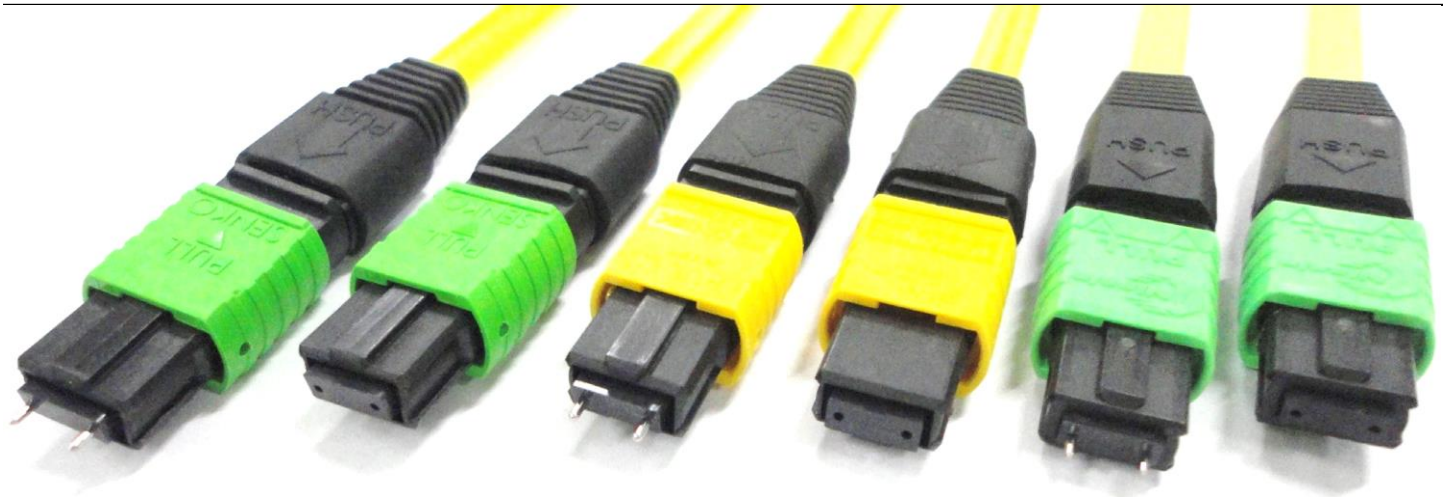
MPO/MTP Patchcords - *Premium*



Description:

GoFoton's MPO/MTP multi-fiber jumpers deliver the performance and reliability needed in todays demanding high-speed broadband and data networks. GoFoton's MPO/MTP jumpers utilizes precision ferrules, precise housing dimension and metal guide pins to ensure fiber positioning when mating and give excellent performance. It was tested by Telcordia for compliance with GR-1435, Verizon TPR.9431, IEC-61754-7 and EIA/ TIA-604-5.

Go!Foton manufacturers a wide variety of singlemode and multimode optical fiber jumpers for telecom and data center applications. Our state of the art manufacturing process is recognized by leading global service providers as one of the best in the industry. We attribute our success to the highly dedicated and skilled production team which starts by selecting only the highest quality fiber and connector components. Each of our valued technicians is expertly trained in assembling and polishing connectors to near perfection. With a relentless commitment to quality, we offer only products meeting and exceeding unsurpassed optical performance. Remarkably, we do this while maintaining a highly efficient production operation which ensures you get these highest quality jumpers in a timely fashion at highly competitive, market prices.

Applications:

- Telecommunication Networks
- Data Communication Networks
- Optical System Access Networks
- Broadband / CATV Networks
- Equipment / Switch Interconnections

Superior Quality and Performance:

- Every connector termination we make is 100% tested prior to shipping to confirm that it meets our highest performance standards.
- Four wavelength testing ensures that your jumpers will support the demanding requirements for 10G/40G/100G transmission and next generation PON deployment.
- All jumpers are free of hazardous substances in compliance with RoHS 2002/95/EG
- Verizon TPR-9431, IEC-61754-7 and EIA/TIA-604-5 Compliant, Telcordia GR-1435-CORE Tested

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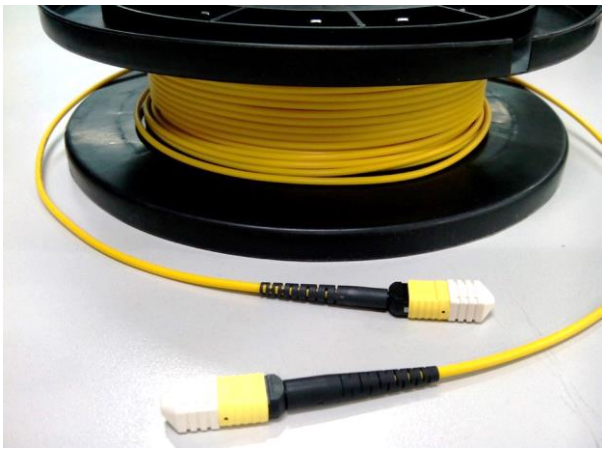
Product Specification:

Parameters		Specification	Unit
Operating Wavelength	Single Mode	1310/1550	nm
	Multimode	850/1300	nm
Maximum Insertion Loss	Single Mode UPC	0.35	dB
	Single Mode APC	0.35	
	Multimode UPC	0.45	
Typical Return Loss	Single Mode UPC	55	dB
	Single Mode APC	65	
	Multimode UPC	28	
Fiber Type	Follow PN Description		
Connector Type	Follow PN Description		
Length	Follow PN Description		m
Length Tolerance	± 2		%
Jacket Type	Flat Cable / Round Cable	OFNP / OFNR	
Jacket Diameter	Follow PN Description		mm
Jacket Color	Yellow	SMF G652 and G657 Fiber	
	Orange	OM1 62.5/125 um, OM2 50/125um	
	Aqua	OM3 50/125um,OM4 50/125um	



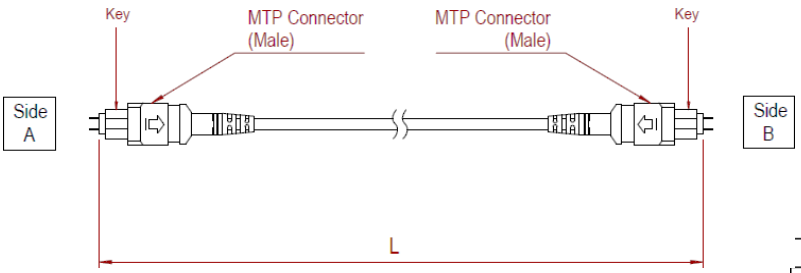
Without fail, our jumper cables are fully compliant with Telcordia GR-1435-CORE, Issue 2 which requires performance characterization and testing at 1310nm, 1490nm, 1550nm, and 1625nm. Four wavelength testing ensures that your jumpers will support the demanding requirements for 10G/40G/100G transmission and next generation PON deployment.

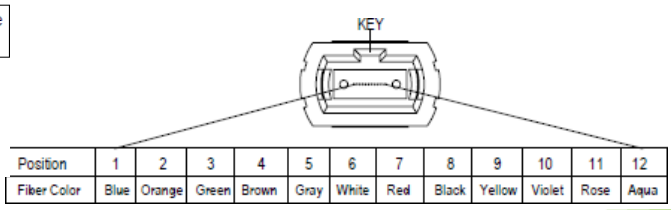
Go!Foton jumpers will give you the peace of mind that the foundation on which you build your network is capable of exceeding the ever demanding expectations of your customers. Don't settle for second best!

Environmental Condition:

Parameters	Unit	Specification	
		Min.	Max.
Uncontrolled Environment	°C	-40	75
Controlled Environment	°C	-10	60

Schematic Diagrams:





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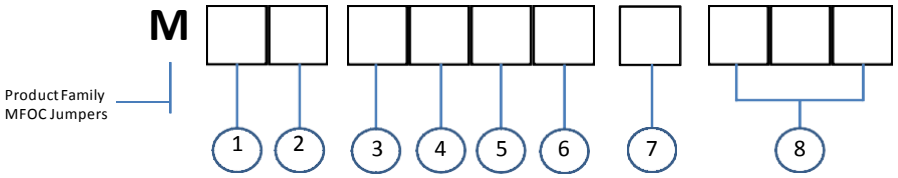
Ordering Information:



Example Order Code:
MDD4F5GM003
Description: 12F MPO-MPO Female, 3.0mm Patch Cord, G657.B3 SMF, 3M length, Riser

Item	Code	Code Description
1 (Connector Type End 1) ~and~ 2 (Connector Type End 2)	A	MPO/PC (Male)
	B	MPO/APC (Male)
	C	MPO/PC (Female)
	D	MPO/APC (Female)
	E	Fiber Array
	P	Others
	X	No Connector
3 (Fiber Type)	1	ITU G.652D Compliant (Single-mode)
	2	ITU G.657.A1 Compliant (Single-mode)
	3	ITU G.657.A2/B2 Compliant (Single-mode)
	4	ITU G.657.B3 Compliant (Single-mode)
	5	OM1 62.5/125µm (Multi-mode)
	6	OM2 50/125µm (Multi-mode)
	7	OM3 50/125µm (Multi-mode)
	8	OM4 50/125µm (Multi-mode)
	P	Others
4 (Cordage Diameter)	A	250µm Bare Fiber
	B	900µm Tight Buffer
	C	1.2 mm
	D	1.6 mm
	E	2.0 mm
	F	3.0 mm
	G	3.6 mm
	H	4.0 mm
	J	4.5 mm
	K	5.0 mm
	L	5.5 mm
	M	11 mm
	N	18 mm
	Q	2x3 mm
	R	Oval Ribbon Cable
	P	Others
	X	Bare Fiber Ribbon (No outer jacket)

Item	Code	Code Description
5 (Jacket)	1	LSZH
	2	Nylon
	3	Plenum
	4	Polyethylene
	5	Riser
	P	Others
	X	Non-Jacketed
6 (Fiber Count)	A	8 Fiber (Ribbon Bare Fiber)
	B	12 Fiber (Ribbon Bare Fiber)
	C	24 Fiber (Ribbon Bare Fiber)
	D	16 Fiber (Ribbon Bare Fiber)
	E	32 Fiber (Ribbon Bare Fiber)
	F	8 Fiber (Distribution Bare Fiber)
	G	12 Fiber (Distribution Bare Fiber)
	H	24 Fiber (Distribution Bare Fiber)
	J	16 Fiber (Distribution Bare Fiber)
	K	32 Fiber (Distribution Bare Fiber)
	L	8F Loopback
	M	12F Loopback
	N	24F Loopback
	P	Others
7 (Length Unit of Measurement)	C	Length in Centimeters
	M	Length in Metes
	F	Length in Feet
8 (Fiber Length Number)	– – –	3 Digit length in measurement units specified in (7)

All of our cable assemblies may be custom configured as required for your specific applications. If you do not see what you are looking for, please contact one our below customer care specialists or send an email to CustomerService@gofoton.com.

All connectors are not created equal. How do you know if your jumpers will go the distance? Our quality components and quality process is backed by a team of experts who know how fundamental jumper cables are to maintaining reliable network operations. We back up all of our claims with product performance testing and auditing of our manufacturing facility by Telcordia Technologies.

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