

■ PRODUCTS OVERVIEW

This MPO/MTP® multi-fiber jumpers deliver the performance and reliability needed in todays demanding high-speed broadband and data networks. This MPO/MTP® jumpers utilizes precision ferrules, precise housing dimension and metal guide pins to ensure fiber positioning when mating and give excellent performance. Our manufacturers a wide variety of single-mode 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.

■ KEYED CHARACTERISTICS

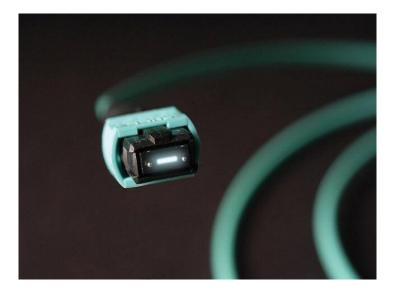
▶ Every connector termination we make is 100% tested prior to shipping to confirm that it meets our highest performance standards;

E-mail: info@newnets.ru

- ► Four wavelength testing ensures that your jumpers will support the demanding requirements for 10G/40G/100G transmission and next generation PON deployment;
- ► Reduction of installation time;
- ► Excellent optical and mechanical properties.

■ APPLICATION

- ► Telecommunication Networks:
- ▶ Data Communication Networks;
- ► Optical System Access Networks;
- ▶ Broadband / CATV Networks;
- ► Equipment / Switch Interconnections.





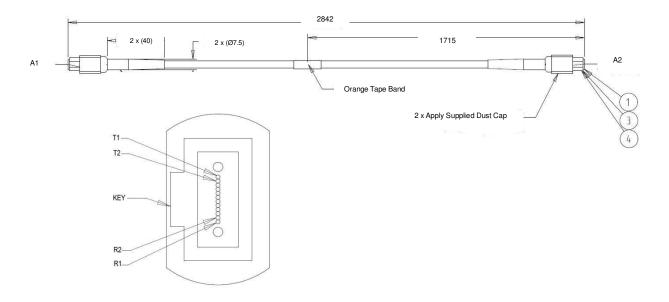
■ PRODUCTS SPECIFICATION

Parameters		Min	Typical	Max	Unit
Operating	Single Mode	1310 / 1550 r			nm
Wavelength	Multimode	850			
	Single Mode			0.30	dB
Insertion Loss	Low Loss				
	Multimode			0.35	
	Premium				
Return Loss	Single-mode	65			
	Multi-mode	20			
Fiber Type	Follow PN Description				
Connector Type	Follow PN Description				
Length	Follow PN Description m		m		
	Yellow	SI	MF G652 ar	nd G657 Fi	ber
Jacket Color	Orange	OM1 62.5/125um, OM2 50/125um			125um
	Aqua	ОМЗ	50/125um,	OM4 50/1	25um

■ ENVIRONMENTAL CONDITION

Parameters	Unit	Specification	
		Min	Max
Uncontrolled Environment	$^{\circ}$	-40	75
	$^{\circ}$	-10	60

■ SCHEMATIC DIAGRAMS



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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. NEATEL 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 a second best!

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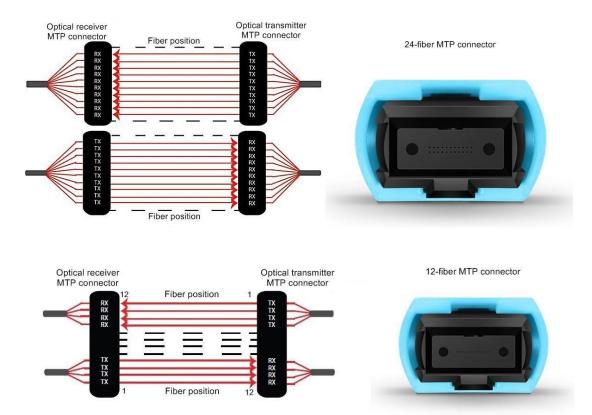




Центральный офис в Москве: Тел: +7 (499) 346 00 00

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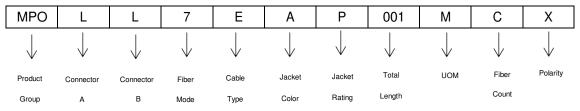
QUALITY GUATANTEE

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.

■ FOR MORE INFORMATION

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 sales@neatel.com.

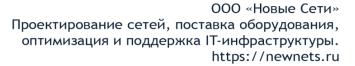
■ ORDERING GUIDE



For Example:

12 Fiber MPO Patch Cable Multimode 50/125µm OM3 Aqua Plenum Micro distribution Cable MPO/UPC Std.(f) to MPO/UPC Std.(f) Method B Crossover Key-up to Key-up Pin 1 to 12 Total Length 1 Meter.

Филиал в Новосибирске: Тел: +7 (499) 346 00 00 E-mail: info@newnets.ru Тел: +7 (383) 376 66 75





Produ	Product Group		
MPO	MPO Connector		
MTP	USCONEC MTP® Connector		
	Connector A & B		
Α	8F MPO/APC (m)		
В	8F MPO/APC (f)		
С	8F MPO/UPC (m)		
D	8F MPO/UPC (f)		
E	12F MPO/APC Low-Loss (m)		
F	12F MPO/APC Low-Loss (f)		
G	12F MPO/APC Standard (m)		
Н	12F MPO/APC Standard (f)		
ı	12F MPO/UPC Low-Loss (m)		
J	12F MPO/UPC Low-Loss (f)		
К	12F MPO/UPC Standard (m)		
L	12F MPO/UPC Standard (f)		
М	24F MPO/APC (m)		
N	24F MPO/APC (f)		
0	24F MPO/UPC (m)		
Р	24F MPO/UPC (f)		
Q	48F MPO/APC (m)		
R	48F MPO/APC (f)		
S	48F MPO/UPC (m)		
Т	48F MPO/UPC (f)		
Z	Pigtail		

Fiber Mode		
7	Multimode 50/125µm OM3	
9	Singlemode 9/125µm OM3	
4	Multimode 50/125µm OM4	
6	Multimode 62.5/125µm OM1	
Cable Type		
Е	Micro distribution	
0	Oval Jacket Ribbon	
R	Bare Ribbon	
Α	Armored	
I	Indoor/Outddor Dry Loose Tube	
Jacket Color		
Α	Aqua	
Υ	Yellow	
0	Orange	
В	Black	
N	N/A	
Jacket Rating		
Р	Plenum OFNP	
R	Riser OFNP	
L	Low Smoking Zero Halogen LSZH	
N	N/A	

E-mail: info@newnets.ru

Unit Of Measurement		
М	Meters	
F	Foot	
_	Inches	
O	Centimeters	
Fiber Count		
O	12 Fiber	
D	24 Fiber	
Е	6 Fiber	
F	8 Fiber	
G	4 Fiber	
7	48 Fiber	
X	Custom	
Polarity		
S	Straight Method A	
Χ	Crossover Method B	
3	Pairwise Flip Method C	
G	Straight 24 Fiber	
С	Custom	