



Optec's patchcords provides high reliability and flexibility for customers in different industries. Our top-of-the-line fiber optic patchcords and pigtailed ensure network reliability and error-proof fiber cabling system. Every single piece of our assembly product is made of stringent quality control and is tested to assure excellent optical performance with traceable data.

All patchcords are made of customized length with specified fiber mode and connector types, customers can even request a highly customized specification with specific optical performance with a highly flexible cost structure.

Features and Applications

Superior optical performance

100% factory tested assemblies with traceable test data

Customized fiber optic assemblies

Suits for different installation's requirement and be applicable for all kinds of fiber optic networks

Available in singlemode (OS1/2), multimode (OM1~5) with customized length and structure

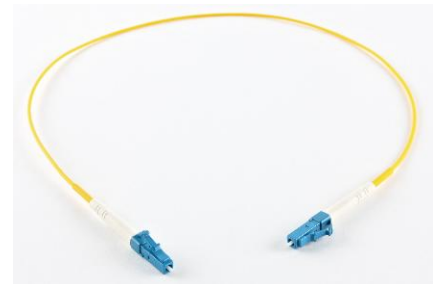
Satisfies client's needs in different industries

Top-of-the-line quality with stringent manufacturing process

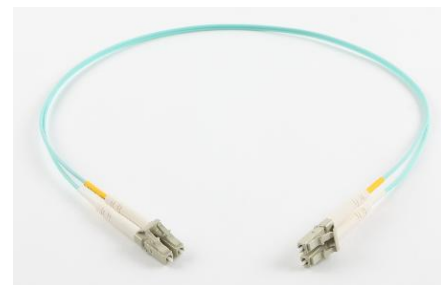
High performance factory-tested assemblies made to comply Telcordia GR-326-CORE

Comprehensive range of offering

Full spectrum of connector interface options applicable for all kinds of optical networks



Simplex Patchcord



Duplex Patchcord

Specifications

Generic Connector Termination

Optical Performance **			
Type	Singlemode		Multimode
	UPC	APC	PC
Maximum Insertion Loss	≤ 0.3 dB	≤ 0.3 dB	≤ 0.3 dB
Typical Insertion Loss	0.5 dB	0.2 dB	0.2 dB
Return Loss	≥ 55 dB	≥ 65 dB	≥ 25 dB
Operating Temperature	-40°C to 80°C		-40°C to 80°C
Test Wavelength	1310nm		850nm
Geometric performance			
Manufactured to comply Telcordia standard GR-326-CORE			

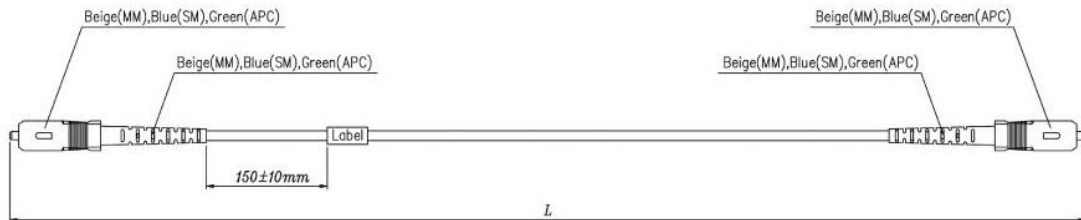
MTP / MPO Termination

Optical Performance **				
Type	Singlemode (APC polish)		Multimode (PC / Flat Polish)	
	Standard	Elite Low Loss	Standard	Elite Low Loss
Maximum Insertion Loss	≤ 0.75dB	≤ 0.35dB	≤ 0.60dB	≤ 0.35dB
Return Loss	≥ 50dB		N/A	
Operating Temperature	-40°C to 80°C		-40°C to 80°C	
Test Wavelength	1310nm		850nm	

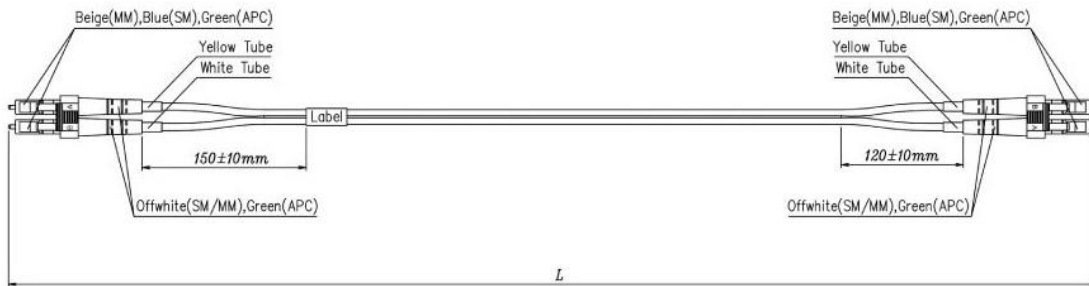
** Optec works with customer to provide highly customized products with different specifications & required optical performance in a flexible pricing scheme. The above optical performance is one of our product tier only, please contact our sales for more details.

Assembly Structure Illustration

Simplex Patchcord:



Duplex Patchcord:



Length Tolerance:

Length (L)	Tolerance
≤ 3m	+150mm/-0
> 3m	+300mm/-0

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