



Fiber Optic Patch Cords

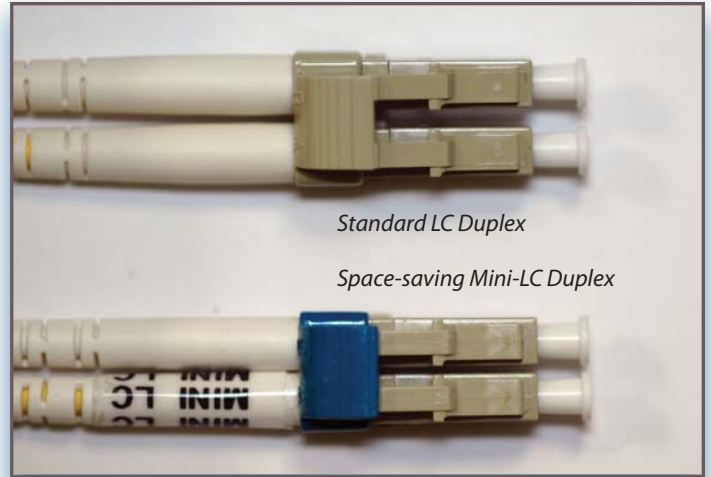
Fiber is well-suited for high-bandwidth applications, extended distances and situations that require complete protection from electrical interference. Wave2Wave's fiber optic patch cords have superior construction to preserve the quality of signal transmission at the cross-connect, which is critical to the performance of the entire cabling system. Every fiber cable is GR-326-CORE and RoHS compliant.

The cables are tested and individually packaged with descriptive labeling and test results included. Our fiber optic cables are designed for a high degree of flexibility and customization. By providing virtually limitless options, we ensure you will receive cables designed for your specific needs. Cable can be ordered in a variety of connector styles (including new mini-LC connectors), fiber types, and lengths.

All Wave2Wave fiber optic cables are labeled with a part number, serial number, barcode number and product name at each end to simplify the installation process.

Features

- High return loss (RL) and low insertion loss (IL)
- Individually tested and passed quality standard with test datasheet
- Connector Types: LC, SC, FC, ST, MU, MTRJ, MTP (MPO), E2000, LC Uni-boot, Mini-LC
- Polish Types: UPC, APC, and PC
- Fiber Types: Single Mode, Multi-Mode 50/125, 62.5/125, 10G OM3
- Number of Fiber Strands: Simplex, Duplex, 12 strands, 24 strands, 36 strands, 48 strands, 72 strands, 144 strands, etc.
- Cable Type: Riser or Plenum
- Insertion loss testing performed on every cable and documentation included in package



Standard LC Duplex

Space-saving Mini-LC Duplex

Industry Standard LC and Mini-LC Duplex Connectors



Optipop Fiber Cleaner (SC, ST, FC, E2000, LC, MU, MT)



NEOCLEAN "Sticks" Cleaner (1.25 and 2.50m)

Benefits

- Unique labeling system (serial number, part number, and product name) on both ends for ease of installation
- Provide limitless options to ensure cables are designed for your specific needs at no additional cost
- OM3 MM fiber supports legacy multimode applications for backward compatibility with existing equipment
- Fiber provides the most cost effective system solution for 10 Gb/s networking for in building applications
- Cuts cost by eliminating the need for costly single mode or multi-channel electrics

Applications

- Telecom and Datacom; Storage Networking
- CATV and Multimedia Applications

Environmental Compliance

- Telcorida GR-326-CORE
- TIA/EIA-568B-B.3 Fiber Optic
- Cabling Components Standard
- IEE802.3z Standards for Fiber Optic Cabling
- RoHS Certified for European market requirements

Performance Specifications			
Fiber Type	SM		MM
Polishing	UPC	APC	PC
Insertion loss	< 0.3dB	< 0.5dB	< 0.3dB
Return loss	≥ 50dB	≥ 60dB	≥ 25dB
Durability	> 1000 Matings		> 1000 Matings
Core Diameter	9/125 μm		50/125 μm or 62.5/125 μm
Operating Temperature	-40 °C to 80 °C		

Part Number: ABCD-EFGHI-JKL							
AB (Connectors)		CD	E (Core Size)	FG (Count, Type)	H (Polish)	I (Jacket Type)	JKL (Length)
31 = LC-LC	46 = MU-LC	Blank = STDorFemale	1 = MM50um(OM2)	01 = Simplex	0 = PC	P = OFNP	J = length
32 = LC-SC	47 = MU-SC	M = Male	2 = MM 62.5um	02 = Duplex	1 = UPC	L = LSZH	KL = ft for feet; m for meter
33 = SC-SC	48 = FC-ST	MF = Male or Female**	3 = SM 9um	12 = Distribution	2 = APC	R= Riser	
34 = ST-ST	50 = MTP-MTP	U = UniBoot	4 = MM 50um 10Gig (OM3)	24 = Distribution	4 = APC/UPC		
35 = ST-SC	51 = MTP-LC	** ForMTRJ&MPOOnly		48 = Distribution			
36 = MTRJ-MTRJ	52 = MTP-ST			08 = Ribbon Cable			
37 = MTRJ-LC	53 = MTP-SC			12 = Ribbon Cable			
38 = MTRJ-SC	54 = MTP-FC			24 = Ribbon Cable			
39 = MTRJ-ST	55 = Mini LC-MiniLC						
40 = FC-FC	56 = Mini LC-SC						
41 = FC-SC	57 = Mini LC-FC						
42 = FC-LC	58 = Mini LC-ST						
43 = MU-FC	59 = Mini LC-MU						
44 = LC-ST	60 = MiniLC-MTP						
45 = MU-MU	61 = Mini LC-LC						

Wave2Wave provides business essential infrastructure solutions that enable leading enterprises to unlock and realize the benefits of next generation data center technologies. Our data center product families include environmentally friendly and smart network cabling, modular and cost-efficient data centers, optical wavelength management systems and intelligent network infrastructure management software. Our products and solutions serve enterprise, government, military and service provider customers and markets in their mission critical data center and IT applications.



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