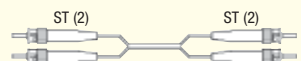


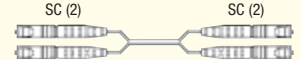
## CONNECTOR LEGEND



FODSTC50-XX  
• Dual ST Connectors



FODSC50-XX  
• Dual SC Connectors

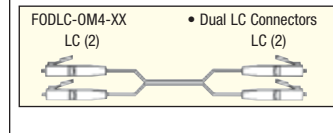
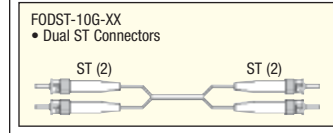
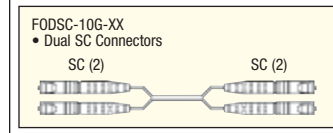
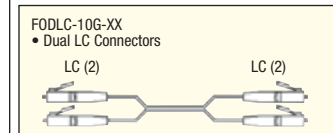


FODLC50-CL-XX  
• Dual LC Clipped Connectors



## Did you know...

L-com offers 10 Gig optimized 50/125 fiber cable assemblies off the shelf?



You can have custom fiber cables in as little as 48 hours.  
**CALL 1-800-343-1455 NOW!**

Item #	Description	1-9	10-24	25-99	100-249	250-499
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**50/125**

L-com's multimode fiber optic patch cords and adapter cords utilize OFNR Riser Rated jackets. All cables are 100% optically tested and utilize a PC polish. Custom lengths and other connector types are available. All cable measurements are in meters. 1m = 3.28 ft.

### ✓RoHS Dual ST to Dual ST Duplex Patch Cord, Multimode Fiber with OFNR Jacket

FODSTC50-01	MM Fiber Cable, Dual ST / Dual ST, 1.0m	16.00	15.04	14.08	13.12	12.16
FODSTC50-02	MM Fiber Cable, Dual ST / Dual ST, 2.0m	17.25	16.21	15.18	14.15	13.11
FODSTC50-03	MM Fiber Cable, Dual ST / Dual ST, 3.0m	18.50	17.39	16.28	15.17	14.06
FODSTC50-04	MM Fiber Cable, Dual ST / Dual ST, 4.0m	19.75	18.56	17.38	16.20	15.01
FODSTC50-05	MM Fiber Cable, Dual ST / Dual ST, 5.0m	21.00	19.74	18.48	17.22	15.96
FODSTC50-10	MM Fiber Cable, Dual ST / Dual ST, 10.0m	27.25	25.61	23.98	22.35	20.71
FODSTC50-15	MM Fiber Cable, Dual ST / Dual ST, 15.0m	33.50	31.49	29.48	27.47	25.46
FODSTC50-20	MM Fiber Cable, Dual ST / Dual ST, 20.0m	39.75	37.36	34.98	32.60	30.21

### ✓RoHS Dual SC to Dual SC Duplex Patch Cord, Multimode Fiber with OFNR Jacket

FODSC50-01	MM Fiber Cable, Dual SC / Dual SC, 1.0m	16.00	15.04	14.08	13.12	12.16
FODSC50-02	MM Fiber Cable, Dual SC / Dual SC, 2.0m	17.25	16.21	15.18	14.15	13.11
FODSC50-03	MM Fiber Cable, Dual SC / Dual SC, 3.0m	18.50	17.39	16.28	15.17	14.06
FODSC50-04	MM Fiber Cable, Dual SC / Dual SC, 4.0m	19.75	18.56	17.38	16.20	15.01
FODSC50-05	MM Fiber Cable, Dual SC / Dual SC, 5.0m	21.00	19.74	18.48	17.22	15.96
FODSC50-10	MM Fiber Cable, Dual SC / Dual SC, 10.0m	27.25	25.61	23.98	22.35	20.71
FODSC50-15	MM Fiber Cable, Dual SC / Dual SC, 15.0m	33.50	31.49	29.48	27.47	25.46
FODSC50-20	MM Fiber Cable, Dual SC / Dual SC, 20.0m	39.75	37.36	34.98	32.60	30.21

### ✓RoHS Dual LC to Dual LC Clipped Duplex Patch Cord, Multimode Fiber with OFNR Jacket

FODLC50-CL-01	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 1.0m	20.00	18.80	17.60	16.40	15.20
FODLC50-CL-02	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 2.0m	21.00	19.74	18.48	17.22	15.96
FODLC50-CL-03	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 3.0m	22.00	20.68	19.36	18.04	16.72
FODLC50-CL-04	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 4.0m	23.00	21.62	20.24	18.86	17.48
FODLC50-CL-05	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 5.0m	24.00	22.56	21.12	19.68	18.24
FODLC50-CL-10	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 10.0m	29.00	27.26	25.52	23.78	22.04

### ✓RoHS Dual LC to Dual LC 10 Gig Optimized Duplex Patch Cord, Multimode Fiber with OFNR Jacket

FODLC-10G-01	MM Fiber Cable, Dual LC / Dual LC, 10 Gig, 1.0m	25.00	23.50	22.00	20.50	19.00
FODLC-10G-02	MM Fiber Cable, Dual LC / Dual LC, 10 Gig, 2.0m	26.00	24.44	22.88	21.32	19.76
FODLC-10G-03	MM Fiber Cable, Dual LC / Dual LC, 10 Gig, 3.0m	27.00	25.38	23.76	22.14	20.52
FODLC-10G-04	MM Fiber Cable, Dual LC / Dual LC, 10 Gig, 4.0m	28.00	26.32	24.64	22.96	21.28
FODLC-10G-05	MM Fiber Cable, Dual LC / Dual LC, 10 Gig, 5.0m	29.00	27.26	25.52	23.78	22.04

### ✓RoHS Dual SC to Dual SC 10 Gig Optimized Duplex Patch Cord, Multimode Fiber with OFNR Jacket

FODSC-10G-01	MM Fiber Cable, Dual SC / Dual SC, 10 Gig, 1.0m	20.00	18.80	17.60	16.40	15.20
FODSC-10G-02	MM Fiber Cable, Dual SC / Dual SC, 10 Gig, 2.0m	21.00	19.74	18.48	17.22	15.96
FODSC-10G-03	MM Fiber Cable, Dual SC / Dual SC, 10 Gig, 3.0m	22.00	20.68	19.36	18.04	16.72
FODSC-10G-04	MM Fiber Cable, Dual SC / Dual SC, 10 Gig, 4.0m	23.00	21.62	20.24	18.86	17.48
FODSC-10G-05	MM Fiber Cable, Dual SC / Dual SC, 10 Gig, 5.0m	24.00	22.56	21.12	19.68	18.24

### ✓RoHS Dual ST to Dual ST 10 Gig Optimized Duplex Patch Cord, Multimode Fiber with OFNR Jacket

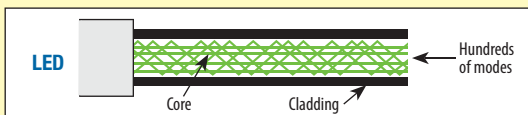
FODST-10G-01	MM Fiber Cable, Dual ST / Dual ST, 10 Gig, 1.0m	20.00	18.80	17.60	16.40	15.20
FODST-10G-02	MM Fiber Cable, Dual ST / Dual ST, 10 Gig, 2.0m	21.00	19.74	18.48	17.22	15.96
FODST-10G-03	MM Fiber Cable, Dual ST / Dual ST, 10 Gig, 3.0m	22.00	20.68	19.36	18.04	16.72
FODST-10G-04	MM Fiber Cable, Dual ST / Dual ST, 10 Gig, 4.0m	23.00	21.62	20.24	18.86	17.48
FODST-10G-05	MM Fiber Cable, Dual ST / Dual ST, 10 Gig, 5.0m	24.00	22.56	21.12	19.68	18.24

### ✓RoHS Dual LC to Dual LC Duplex OM4 Duplex Patch Cords, Multimode Fiber with OFNR Jacket

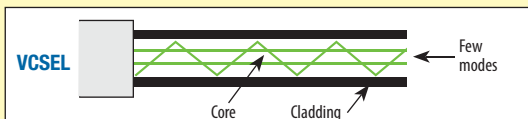
FODLC-OM4-1	MM OM4 Fiber Cable, Dual LC / Dual LC, 1.0m	27.25	25.61	23.98	22.35	20.71
FODLC-OM4-2	MM OM4 Fiber Cable, Dual LC / Dual LC, 2.0m	28.50	26.79	25.08	23.37	21.66
FODLC-OM4-3	MM OM4 Fiber Cable, Dual LC / Dual LC, 3.0m	29.75	27.96	26.18	24.40	22.61
FODLC-OM4-4	MM OM4 Fiber Cable, Dual LC / Dual LC, 4.0m	31.00	29.14	27.28	25.42	23.56
FODLC-OM4-5	MM OM4 Fiber Cable, Dual LC / Dual LC, 5.0m	32.25	30.31	28.38	26.45	24.51
FODLC-OM4-10	MM OM4 Fiber Cable, Dual LC / Dual LC, 10.0m	38.50	36.19	33.88	31.57	29.26



## What's the difference between regular and 10 Gig Multimode fiber?



62.5/125 and 50/125 Multimode fiber is typically attached to communications equipment that use LED (Light-Emitting Diode) transceivers. LED transceivers output hundreds of modes or rays of light into the cable.



10 Gbps Vertical Cavity Surface Emitting Lasers (VCSELs) use only a specific set of modes, not the hundreds of modes that traditional Multimode fiber LED's use.

A fiber cable's bandwidth is dictated by the combined performance of all the modes, if only several modes fall behind or get ahead it has little influence or effect on the cables total bandwidth handling capabilities. So traditional Multimode cable works fine when used with LED transceivers.

When transmitting light through a fiber cable a phenomenon known as Modal Dispersion occurs. Modal Dispersion causes different modes of light to arrive at the receiving end of the cable at different times. The degree of Modal Dispersion is a result of a fiber's refractive index, which is a property of the fiber that affects the speed of light transmitted through the fiber's core. The refractive index of a fiber is defined during the fiber manufacturing process.

As the need for speed and bandwidth grew, 10 Gbps Vertical Cavity Surface Emitting Lasers (VCSELs) were developed. These low cost lasers use only a specific set of modes. Because of this there can be very little Modal Dispersion since a fiber cable's bandwidth is dictated by the combined performance of all the modes. If only a few modes fall behind or get ahead when using VCSEL technology, it has a great impact on the cables total bandwidth handling capacity.

For other lengths and/or connector combinations please use our Product Configurator on our website [L-com.com](http://L-com.com) or contact our Sales or Customer Team. No minimum order requirements!

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- Robert Jacobs, Instructor, VOTEC Training, San Diego, CA