

FIBER PATCH CORDS

Fiber Jumper Cables

Legrand can produce virtually any type of fiber optic patch cable quickly and cost effectively. Standard multimode (50 and 62.5µm), laser-optimized multimode (OM3, OM4) and single-mode (OS2) assemblies are a core part of our business.

Visually inspected at 400x magnification, our fiber jumpers are performance tested for insertion and return loss parameters. Produced by leading manufacturers of fiber cables and connectors, they can ship in as little as two business days and are available in a variety of custom configurations — including your choice of connector polish, diameter, jacket and boot color.

Features:

- 100% optically tested
- Factory terminated for superior performance
- Meets or exceeds industry standards for insertion loss and back reflection
- Stock available for same day shipping
- Custom assemblies available to ship within days
- Corning® assemblies available upon request
- TAA compliant assemblies available upon request
- Most connector brands supported upon request
- Test results available upon request

Q-Series Fiber Solutions



- Insertion loss and reflectance measurements that meet or exceed industry standards
- Domestically manufactured using the highest quality components
- All cables and connectors are built to industry standards
- Wide variety of connectors available including ST, SC, LC, FC, MTRJ, Uniboot LC, MTP/MPO and more
- Ultra PC and angled PC connector polishing options
- Advanced automated assembly and polishing techniques
- Factory termination results in superior performance compared to field terminated cables
- Single-mode, 50µm, 10Gb laser-optimized OM3 & OM4 or 62.5µm multimode fiber
- Bend tolerant fiber is available for both multimode and single-mode

Value Series Fiber Solutions



- All cables and connectors are built to industry standards
- Wide variety of connectors available including ST, SC, LC, FC, MTRJ, Uniboot LCs and more
- Insertion loss and reflectance measured on every connector
- We offer ultra PC and angled PC connector polishing options
- Factory termination results in superior performance compared to field terminated cables
- Single-mode, 50µm, 10Gb laser-optimized OM3 & OM4 or 62.5µm multimode fiber
- Simplex and duplex cable
- Most items are available for same day shipping

SC

LC

ST

MTRJ



MM Laser-Optimized Cables



MM Laser-Optimized Cables



MM Laser-Optimized Cables



MM Laser-Optimized Cables



Single-Mode (SM) Cables



Single-Mode (SM) Cables



Single-Mode (SM) Cables



Single-Mode (SM) Cables



Multimode (MM) Cables



Multimode (MM) Cables



Multimode (MM) Cables



Multimode (MM) Cables

Value Series Fiber Jumpers

Length	10Gb				50µm Multimode							
	SC SC	LC LC	LC SC	LC ST	SC SC	LC LC	LC SC	LC MTRJ	LC ST	MTRJ SC	ST SC	ST ST
1m	852-442-003	852-LL2-003	852-L42-003	852-L22-003	850-332-003	850-LL2-003	850-L32-003	851-0L2-003	850-L12-003	851-032-003	850-132-003	850-112-003
2m	852-442-006	852-LL2-006	852-L42-006	852-L22-006	850-332-006	850-LL2-006	850-L32-006	851-0L2-006	850-L12-006	851-032-006	850-132-006	850-112-006
3m	852-442-009	852-LL2-009	852-L42-009	852-L22-009	850-332-009	850-LL2-009	850-L32-009	851-0L2-009	850-L12-009	851-032-009	850-132-009	850-112-009
4m	852-442-013	852-LL2-013	852-L42-013	852-L22-013	850-332-013	850-LL2-013	850-L32-013	851-0L2-013	850-L12-013	851-032-013	850-132-013	850-112-013
5m	852-442-017	852-LL2-017	852-L42-017	852-L22-017	850-332-017	850-LL2-017	850-L32-017	851-0L2-017	850-L12-017	851-032-017	850-132-017	850-112-017
6m	852-442-020	852-LL2-020	852-L42-020	852-L22-020	850-332-020	850-LL2-020	850-L32-020	851-0L2-020	850-L12-020	851-032-020	850-132-020	850-112-020
7m	852-442-023	852-LL2-023	852-L42-023	852-L22-023	850-332-023	850-LL2-023	850-L32-023	851-0L2-023	850-L12-023	851-032-023	850-132-023	850-112-023
8m	852-442-026	852-LL2-026	852-L42-026	852-L22-026	850-332-026	850-LL2-026	850-L32-026	851-0L2-026	850-L12-026	851-032-026	850-132-026	850-112-026
9m	852-442-030	852-LL2-030	852-L42-030	852-L22-030	850-332-030	850-LL2-030	850-L32-030	851-0L2-030	850-L12-030	851-032-030	850-132-030	850-112-030
10m	852-442-033	852-LL2-033	852-L42-033	852-L22-033	850-332-033	850-LL2-033	850-L32-033	851-0L2-033	850-L12-033	851-032-033	850-132-033	850-112-033
12m	852-442-040	852-LL2-040	852-L42-040	852-L22-040	850-332-040	850-LL2-040	850-L32-040	851-0L2-040	850-L12-040	851-032-040	850-132-040	850-112-040
15m	852-442-050	852-LL2-050	852-L42-050	852-L22-050	850-332-050	850-LL2-050	850-L32-050	851-0L2-050	850-L12-050	851-032-050	850-132-050	850-112-050
18m	852-442-059	852-LL2-059	852-L42-059	852-L22-059	850-332-059	850-LL2-059	850-L32-059	851-0L2-059	850-L12-059	851-032-059	850-132-059	850-112-059
20m	852-442-066	852-LL2-066	852-L42-066	852-L22-066	850-332-066	850-LL2-066	850-L32-066	851-0L2-066	850-L12-066	851-032-066	850-132-066	850-112-066
25m	852-442-083	852-LL2-083	852-L42-083	852-L22-083	850-332-083	850-LL2-083	850-L32-083	851-0L2-083	850-L12-083	851-032-083	850-132-083	850-112-083
30m	852-442-099	852-LL2-099	852-L42-099	852-L22-099	850-332-099	850-LL2-099	850-L32-099	851-0L2-099	850-L12-099	851-032-099	850-132-099	850-112-099

IMPORT SMART #

FIBER PATCH CORDS

Value Series™ Fiber Jumpers

IMPORT SMART #

Length	62.5µm Multimode									
	SC SC	LC LC	LC SC	LC MTRJ	LC ST	MTRJ SC	ST SC	ST ST	MTRJ MTRJ	MTRJ ST
1m	810-332-003	810-LL2-003	810-L32-003	811-0L2-003	810-L12-003	811-032-003	810-132-003	810-112-003	811-002-003	811-012-003
2m	810-332-006	810-LL2-006	810-L32-006	811-0L2-006	810-L12-006	811-032-006	810-132-006	810-112-006	811-002-006	811-012-006
3m	810-332-009	810-LL2-009	810-L32-009	811-0L2-009	810-L12-009	811-032-009	810-132-009	810-112-009	811-002-009	811-012-009
4m	810-332-013	810-LL2-013	810-L32-013	811-0L2-013	810-L12-013	811-032-013	810-132-013	810-112-013	811-002-013	811-012-013
5m	810-332-017	810-LL2-017	810-L32-017	811-0L2-017	810-L12-017	811-032-017	810-132-017	810-112-017	811-002-017	811-012-017
6m	810-332-020	810-LL2-020	810-L32-020	811-0L2-020	810-L12-020	811-032-020	810-132-020	810-112-020	811-002-020	811-012-020
7m	810-332-023	810-LL2-023	810-L32-023	811-0L2-023	810-L12-023	811-032-023	810-132-023	810-112-023	811-002-023	811-012-023
8m	810-332-026	810-LL2-026	810-L32-026	811-0L2-026	810-L12-026	811-032-026	810-132-026	810-112-026	811-002-026	811-012-026
9m	810-332-030	810-LL2-030	810-L32-030	811-0L2-030	810-L12-030	811-032-030	810-132-030	810-112-030	811-002-030	811-012-030
10m	810-332-033	810-LL2-033	810-L32-033	811-0L2-033	810-L12-033	811-032-033	810-132-033	810-112-033	811-002-033	811-012-033
12m	810-332-040	810-LL2-040	810-L32-040	811-0L2-040	810-L12-040	811-032-040	810-132-040	810-112-040	811-002-040	811-012-040
15m	810-332-050	810-LL2-050	810-L32-050	811-0L2-050	810-L12-050	811-032-050	810-132-050	810-112-050	811-002-050	811-012-050
18m	810-332-059	810-LL2-059	810-L32-059	811-0L2-059	810-L12-059	811-032-059	810-132-059	810-112-059	811-002-059	811-012-059
20m	810-332-066	810-LL2-066	810-L32-066	811-0L2-066	810-L12-066	811-032-066	810-132-066	810-112-066	811-002-066	811-012-066
25m	810-332-083	810-LL2-083	810-L32-083	811-0L2-083	810-L12-083	811-032-083	810-132-083	810-112-083	811-002-083	811-012-083
30m	810-332-099	810-LL2-099	810-L32-099	811-0L2-099	810-L12-099	811-032-099	810-132-099	810-112-099	811-002-099	811-012-099

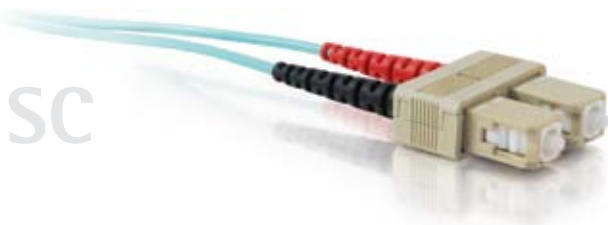
IMPORT SMART #

Length	9µm Duplex									9µm Simplex		
	SC SC	LC LC	LC SC	LC ST	ST SC	ST ST	FC FC	SC FC	ST FC	SC SC	FC FC	ST ST
1m	810-447-003	810-LL7-003	810-L47-003	810-L27-003	810-247-003	810-227-003	810-667-003	810-467-003	810-267-003	810-445-003	810-665-003	810-225-003
2m	810-447-006	810-LL7-006	810-L47-006	810-L27-006	810-247-006	810-227-006	810-667-006	810-467-006	810-267-006	810-445-006	810-665-006	810-225-006
3m	810-447-009	810-LL7-009	810-L47-009	810-L27-009	810-247-009	810-227-009	810-667-009	810-467-009	810-267-009	810-445-009	810-665-009	810-225-009
4m	810-447-013	810-LL7-013	810-L47-013	810-L27-013	810-247-013	810-227-013	810-667-013	810-467-013	810-267-013	810-445-013	810-665-013	810-225-013
5m	810-447-017	810-LL7-017	810-L47-017	810-L27-017	810-247-017	810-227-017	810-667-017	810-467-017	810-267-017	810-445-017	810-665-017	810-225-017
6m	810-447-020	810-LL7-020	810-L47-020	810-L27-020	810-247-020	810-227-020	810-667-020	810-467-020	810-267-020	810-445-020	810-665-020	810-225-020
7m	810-447-023	810-LL7-023	810-L47-023	810-L27-023	810-247-023	810-227-023	810-667-023	810-467-023	810-267-023	810-445-023	810-665-023	810-225-023
8m	810-447-026	810-LL7-026	810-L47-026	810-L27-026	810-247-026	810-227-026	810-667-026	810-467-026	810-267-026	810-445-026	810-665-026	810-225-026
9m	810-447-030	810-LL7-030	810-L47-030	810-L27-030	810-247-030	810-227-030	810-667-030	810-467-030	810-267-030	810-445-030	810-665-030	810-225-030
10m	810-447-033	810-LL7-033	810-L47-033	810-L27-033	810-247-033	810-227-033	810-667-033	810-467-033	810-267-033	810-445-033	810-665-033	810-225-033
12m	810-447-040	810-LL7-040	810-L47-040	810-L27-040	810-247-040	810-227-040	810-667-040	810-467-040	810-267-040	810-445-040	810-665-040	810-225-040
15m	810-447-050	810-LL7-050	810-L47-050	810-L27-050	810-247-050	810-227-050	810-667-050	810-467-050	810-267-050	810-445-050	810-665-050	810-225-050
18m	810-447-059	810-LL7-059	810-L47-059	810-L27-059	810-247-059	810-227-059	810-667-059	810-467-059	810-267-059	810-445-059	810-665-059	810-225-059
20m	810-447-066	810-LL7-066	810-L47-066	810-L27-066	810-247-066	810-227-066	810-667-066	810-467-066	810-267-066	810-445-066	810-665-066	810-225-066
25m	810-447-083	810-LL7-083	810-L47-083	810-L27-083	810-247-083	810-227-083	810-667-083	810-467-083	810-267-083	810-445-083	810-665-083	810-225-083
30m	810-447-099	810-LL7-099	810-L47-099	810-L27-099	810-247-099	810-227-099	810-667-099	810-467-099	810-267-099	810-445-099	810-665-099	810-225-099

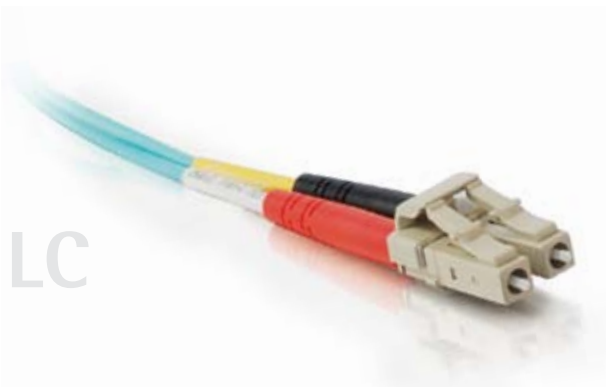
Note: TAA compliant available upon request.

50µm LASER-OPTIMIZED MULTIMODE FIBER

SC



LC



ST



MTRJ



50/125µm Laser-Optimized Multimode Fiber Optic Patch Cables

Get blazing-fast, 10 gigabit performance with Laser-optimized 50/125µm Multimode Fiber Patch Cables from Quiktron. Laser-optimized Multimode Fiber (LOMMF) Cables provide backward compatibility with existing 50/125µm equipment, while providing the performance headroom required to support laser light sources and 10 gigabit applications. Custom lengths and multi-fiber solutions also are available.

Features:

- Fully compatible with 50/125µm multimode fiber applications
- OM3/OM4 available
- For use with both LED and VCSEL light sources
- Designed for use in 10 Gigabit Ethernet applications
- Lifetime warranty against defects of materials and workmanship
- 100% optically tested
- Factory terminated for superior performance
- Meets or exceeds industry standards for return loss and reflectance
- Advanced automated assembly and polishing techniques
- Made in USA (All Corning® and Q-Series)

Custom Configurations:

- Custom connector polishes available upon request
- 1.6 and 2.0 diameters also available upon request
- Custom color jackets and boots available
- Custom solutions can ship in as little as two business days, including multi-fiber solutions
- Many configurations and lengths in stock

50μm LASER-OPTIMIZED MULTIMODE FIBER

FIBER

COPPER

RAPIDRUN

AUDIO/VIDEO

PC/COMPUTER

50μm Laser-Optimized Connector Specifications

Brand	Connector	Typical Insertion Loss	Max. Insertion Loss	Standard Polish	Cable Diameter	Housing	Ferrule
All Corning®	ST	0.20dB	0.50dB	PC	2.8	Metal	Ceramic
All Corning	SC	0.20dB	0.50dB	PC	2.8	Composite	Ceramic
All Corning	MTRJ	0.30dB	0.50dB	PC	2.8	Composite	Composite
All Corning	LC	0.20dB	0.50dB	PC	2.8	Composite	Ceramic
Q-Series	ST	0.25dB	0.50dB	PC	2.8	Composite	Ceramic
Q-Series	SC	0.25dB	0.50dB	PC	2.8	Composite	Ceramic
Q-Series	MTRJ	0.30dB	0.50dB	PC	2.8	Composite	Composite
Q-Series	LC	0.25dB	0.50dB	PC	2.8	Composite	Ceramic
Value Series	MTRJ	0.30dB	0.50dB	PC	1.8 Duplex	Composite	Composite
Value Series	LC	0.30dB	0.50dB	PC	1.8 Duplex	Composite	Ceramic

All Corning Laser-Optimized MM Fiber Jumpers

	ST	SC	MTRJ	LC
ST	832-222-LLL	832-242-LLL	833-022-LLL	832-L22-LLL
SC	832-242-LLL	832-442-LLL	833-042-LLL	832-L42-LLL
MTRJ	833-022-LLL	833-042-LLL	833-002-LLL	833-0L2-LLL
LC	832-L22-LLL	832-L42-LLL	833-0L2-LLL	832-LL2-LLL

LLL – Length can be customized to meet your specifications.
When ordering cables please specify length in feet or meters.

Q-Series™ Laser-Optimized MM Fiber Jumpers

	ST	SC	MTRJ	LC
ST	842-222-LLL	842-242-LLL	843-022-LLL	842-L22-LLL
SC	842-242-LLL	842-442-LLL	843-042-LLL	842-L42-LLL
MTRJ	843-022-LLL	843-042-LLL	843-002-LLL	843-0L2-LLL
LC	842-L22-LLL	842-L42-LLL	843-0L2-LLL	842-LL2-LLL

LLL – Length can be customized to meet your specifications.
When ordering cables please specify length in feet or meters.

Plenum Rated All Corning Laser-Optimized MM Fiber Jumpers

	ST	SC	MTRJ	LC
ST	832-224-LLL	832-244-LLL	833-024-LLL	832-L24-LLL
SC	832-244-LLL	832-444-LLL	833-044-LLL	832-L44-LLL
MTRJ	833-024-LLL	833-044-LLL	833-004-LLL	833-0L4-LLL
LC	832-L24-LLL	832-L44-LLL	833-0L4-LLL	832-LL4-LLL

LLL – Length can be customized to meet your specifications.
When ordering cables please specify length in feet or meters.

Plenum Rated Q-Series Laser-Optimized MM Fiber Jumpers

	ST	SC	MTRJ	LC
ST	842-224-LLL	842-244-LLL	843-024-LLL	842-L24-LLL
SC	842-244-LLL	842-444-LLL	843-044-LLL	842-L44-LLL
MTRJ	843-024-LLL	843-044-LLL	843-004-LLL	843-0L4-LLL
LC	842-L24-LLL	842-L44-LLL	843-0L4-LLL	842-LL4-LLL

LLL – Length can be customized to meet your specifications.
When ordering cables please specify length in feet or meters.

Value Series™ 50/125μm Laser-Optimized MM Fiber Jumpers

	LC-LC	LC-SC	SC-SC
1m	852-LL2-003	852-L42-003	852-442-003
2m	852-LL2-006	852-L42-006	852-442-006
3m	852-LL2-009	852-L42-009	852-442-009
4m	852-LL2-013	852-L42-013	852-442-013
5m	852-LL2-017	852-L42-017	852-442-017
6m	852-LL2-020	852-L42-020	852-442-020
7m	852-LL2-023	852-L42-023	852-442-023
8m	852-LL2-026	852-L42-026	852-442-026
9m	852-LL2-030	852-L42-030	852-442-030
10m	852-LL2-033	852-L42-033	852-442-033
15m	852-LL2-050	852-L42-050	852-442-050
20m	852-LL2-066	852-L42-066	852-442-066

What is LOMMF?

Laser-optimized 50μm Multimode Fiber is a graded-index product specially designed to reduce the negative effects of Differential Mode Dispersion (DMD), especially when using VCSEL lasers that are popular in today's high speed Gigabit Ethernet networks. When using a VCSEL laser with conventional multimode fiber, digital pulses can spread out and cause bit errors during data transmission. This is due to the inherent nature of the laser and the gradient index fiber as the speed of the transmission slows toward the center of the core. By optimizing the index profile of the fiber core, DMD effects can be reduced and the effective bandwidth will be increased to support 1000BASE Ethernet standards.

Note: Add -55L to end of the part number for OM4.