



LC CONNECTORS



One major advantage of the LC connector is its ability for high density in patch panels. It is smaller than the copper RJ-45 providing the same or greater port density for fibre as copper. The LC requires less space in faceplates and cabinets and allows you to double the number of connectors in the same space, making it the perfect choice in applications where space is limited.

Since the LC connector has a style similar to a telephone plug, engaging and releasing the LC connector is intuitive and fast, reducing the cost of installation, rearrangements, and training.

Saving space saves money.....

The duplex LC connector fits in the same space as a copper CAT-5 plug, and requires half the space of conventional duplex fibre optic connectors.

Minicord is a compact yet robust cordage with an 80 lb. pull rating, and uses less than 1/3 of the space required by 3 millimeter fibre cordage.

LC connectors on Minicord can reduce the required space for cross connect shelves by one half. The result is a high density fibre optic solution that reduces the amount of space and investment required in the closet and at the desk. An LC solution is also half as intrusive to existing

Connector Types Available from Stock

Connector Style	Multi-mode	Single-mode
Buffered fibre (for pigtails)	P	P
Simplex for mini cordage	P	P
Simplex for 3mm cordage	P	P
Duplex, with clip, for mini cordage	P	P
Duplex, with clip, for 3mm zipcord	P	P





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buildings and simpler to integrate into new building designs.

Our LC singlemode connector products are compliant to Telcordia GR326 Issue 3.

Types of Connectors:

Adaptors



- Quad adaptor fits SC duplex panel cut out
- Multimode duplex and quad with metal alignment sleeve, beige housing



- Duplex adaptor fits SC simplex panel cut out
- Singlemode duplex and quad with ceramic alignment sleeve, blue housing



CONNECTORS & ADAPTORS



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LC Tooling and Cable Assemblies

We recommend singlemode connectors should be machine polished in order to achieve the desired high optical return loss. We offer an LC polishing plate for the Domaille polishing machine.

Tech Optics offers a complete range of fibre optic cable assemblies using LC connectors. Pigtailed, patchcords and hybrid (LC one end, another connector type the other end) and are all available in both singlemode and multimode and with your choice of length.

LC Tooling

Hand Polishing Tool (for multimode)	EFA6006ASS
Crimp tool for mini cordage	700-008-154
Crimp tool for 3mm cordage	58433-4
LC Oven curing block	9010
Adaptor for Westover microscope	FMA-LC

