

# LC-M SERIES

Small, Strong, Adaptable, Economical

## APPLICATIONS

- Telecom and datacom networks
- LANs, CATV
- Fiber to the Home (FTTH)
- Data centers and Premise wiring

The design of its new LC-M Series connector features a metal back body (extender cap) for greater strength/crimp capacity, easily adaptable SX/DX clips and an optimized short boot, all at pricing comparable to standard LC connectors.

The connector's small size of just 32 mm overall is achieved with a combination of a die-cast metal back body and a short UL V-0 rated optimized boot.



Patented Product

## FEATURES

- Short overall length (32mm including short boot).
- Metal back body (extender cap) for greater strength/crimp.
- Easily adaptable SX/DX clips.
- Comparable price to LC multipiece version, yet with many of the features of the higher priced UNIBODY type.

Adaptable Simplex (SX) and Duplex (DX) clips can be easily applied to the LC-M common connector bodies allowing for reduced inventory costs over fixed SX or DX versions of standard LC connectors

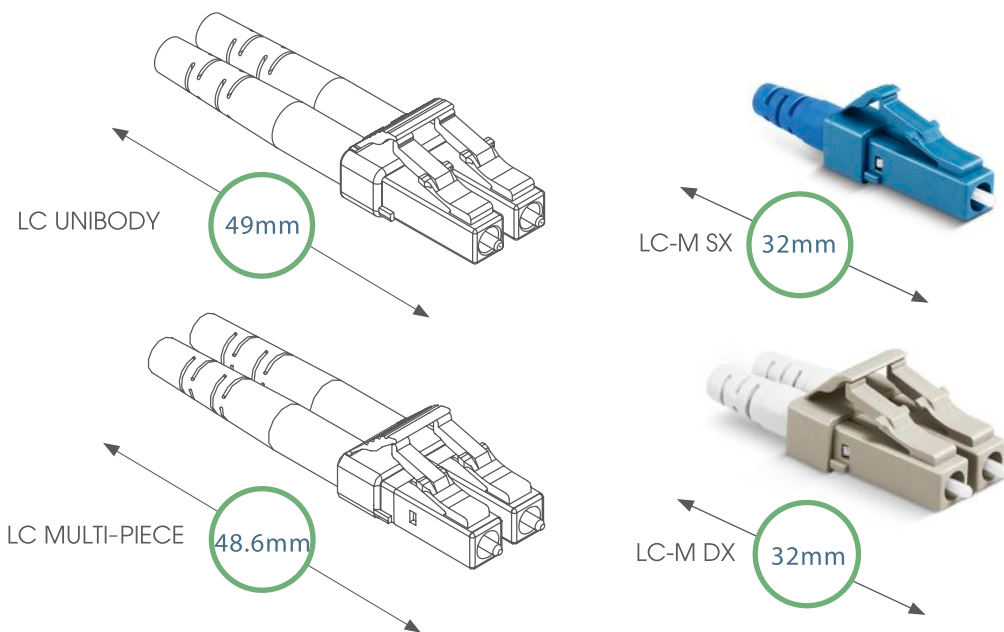
The LC-M Series connector's patent pending design is compatible with all standard LC interfaces and is available in Multi-mode (MM), Single-mode (SM) and APC applications in either Simplex (SX) or Duplex (DX) configurations accommodating 900um, 2.0 mm and 3.0 mm cordage.



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### LC CONNECTOR SIZE COMPARISON

2mm Boot



SPECIFICATION		SINGLEMODE	MULTIMODE
Ferrule Inner Diameter		125µm +1/-0 Concentricity: ≤ 1µm 125.5µm +1/-0 Concentricity: ≤ 1µm 126µm +1/-0 Concentricity: ≤ 1µm	127µm
Insertion Loss	Standard Connector	0.10dB Typical	0.20dB
	High Spec Connector	0.08dB Typical	0.20dB
	High Spec Connector APC	0.10dB Typical	
	Elite Connector	0.04dB Typical	
Return Loss		≥ -55dB Typical for singlemode PC ≥ -65dB Typical for singlemode APC	
Durability		< 0.2dB Typical change, 500 matings	
Operating Temperature		-40 to +75°C	

### LC M

### ORDER CODE

CODE		TYPE		FERRULE I.D.		HOUSING		BOOT		COLOR	
CN-LCMPAE	Elite LC-M	SX	Simplex	125	SM 125µm	1	SM Blue	1	900µm	1	Blue
CN-LCMPAAE	Elite LC-M APC	DX	Duplex	125L	SM 125µm Low Loss	3	APC Green	12	1.2mm	2	Black
CN-LCMPA	Pre-Assembled			1255	SM 125.5µm	4	MM Beige	2	2.0mm	3	Green
CN-LCMUK	Unassembled			126	SM 126µm			6	3.0mm	4	Beige
CN-LCMPAA	Pre-Assembled APC			127	MM 127µm					8	White
CN-LCMUKA	Unassembled APC			000	No Ferrule Opt.						

CN-LCMPA - SX - 125 - 118

Specifications may change without notice. Display Product Photos Shown are samples for viewing, not actual products. Colours and styles may vary.

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