

LC Fiber Optic Connectors**LC fiber optic connector descriptions**

The LC connector has a zirconia ceramic ferrule measuring 1.25mm O.D. and provides optimum insertion and return loss. The LC connector is used on small diameter mini-cordage (1.6/1.8/2.0mm) as well as 3.0mm cable. LC Connectors are available in pre-assembled or kit (unassembled) formats. The LC connector family is Telcordia, ANSI/EIA/TIA and IEC compliant.

LC fiber optic connectors specifications

LC connectors	Single mode	Multimode
Insertion Loss	≤0.20dB	≤0.25dB
Return Loss	≥50 dB (PC)	
	≥55 dB (UPC)	
	≥65 dB (APC)	
Durability	<0.20 dB typical change, 1000 mating	
Operating Temperature	-40 to + 80°C	
Ferrule Hole Sizes	125.0+1/-0μm, Concentricity: ≤1.0μ	125μm, Concentricity: 1≤3μm
	125.5+1/-0μm, Concentricity: ≤1.0μ	127μm, Concentricity: 1≤3μm
	126.0+1/-0μm, Concentricity: ≤1.0μ	128μm, Concentricity: 1≤3μm

For detailed inquiry please contact our sales team at: sales@HuihongFiber.com.