

LC Connector

The LC connector was the first small form factor connector on the market. The use of a high performance 1.25 mm ferrule gives the connector extremely high performance characteristics.

The Brotechs LC optical fibre connector comprises of a polymer body and a ceramic ferrule/spring/crimp barrel assembly plus a crimp over sleeve and rubber boot. These connectors are suitable for 900µm and 2 mm cables. The connector is precision made and manufactured to demanding specifications. The combination of a ceramic ferrule and a precision polymer housing provides consistent long-term mechanical and optical performance.

Features

- Available in 2mm patch ,3mm patch and 900 µm
- Termination Procedures : Prep cable end, Epoxy-Crimp-Polish
- Standard packaging: 100pcs Bulk packed, Special packaging available by request
- Connector versions available for: 2mm Cable, 900 µm Buffered Fibre, Simplex & Duplex
- Available in Blue (single mode),Beige (multimode)

Technical Specification

Intermateability

Compliant with IEC 61754-20.

Optical Performance

Singlemode

Insertion loss: Max. 0.3 dB Typical 0.2 dB

Return loss: UPC > 50dB Typical 55 dB

APC > 60dB Typical 65 dB

Multimode

Insertion loss: Max. 0.3 dB Typical 0.12 dB

(IEC 874-1 method)

Damp Heat

(IEC 61300-2-19)

60°C at 95% RH ,96 hours=0.2dB Change

Temperature Cycling

(IEC 61300-2-48)

-40°C to +85°C , 42 cycles=0.2dB Change

Operating Temperature

-40°C to +85°C



Ordering Information

	Connector Type	Ferrule Type	Count	Boot OD	Housing Type or Color	Boot Color
1010	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	1 : LC/PC	0 : None	S : Simplex	09 : 0.9mm	G : Green	W : White
	A : LC/APC	S : SM	D : Duplex	20 : 2.0mm	L : Blue	
		M : MM		30 : 3.0mm	E : Beige	

