The 721 series of LC connectors offer great performance with very high repeatability and low insertion loss. These products are fully intermatable with standard LC licensed products and deliver long term stability under a broad range of applications and conditions. 721 series connectors utilize tightly toleranced ceramic ferrules to ensure consistent low loss and ease of assembly. AFOP also manufactures an LC adapter family to support LC interconnection.

APPLICATIONS

- Local Area Neworks
- Fast Ethernet
- ■ATM Networks
- Optical Transport
- Optical Access Networks

FEATURES

- Various Options: Boot Color, Boot Type, Housing Color, EMI Shielding and Retractable door for Adapters
- ■Unique LC Adapters in SC Footprint
- ■Singlemode and Multimode Versions
- ■Telcordia GR-326 Compliant
- ■Patented Metal Rear Body for Connectors
- Compact LC Duplex Connector for High-Density Interconnect Applications



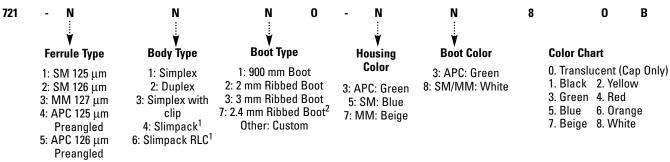
SPECIFICATIONS - LC CONNECTOR / 721 SERIES

Parameters	Multimode	Singlemode
Insertion Loss	0.2 dB Typical	0.15 dB Typical
	0.3 dB Maximum	0.25 dB Maximum
Back Reflection	- 25 dB Typical	- 35 dB PC Polish
		- 45 dB Super PC
		- 55 dB Ultra PC
Connection Durability	500 Matings	500 Matings
Connector Repeatability	$\Delta IL < 0.2 dB$	∆IL < 0.1 dB
Operating Environment	- 40°C to + 85°C	- 40°C to + 85°C
Temperature Cycling	$\Delta IL < 0.20 dB$	Δ IL < 0.20 dB
Vibration	$\Delta IL < 0.20 dB$	Δ IL < 0.20 dB
Cable Retention	> 15 Lbs.	> 15 Lbs.

SPECIFICATIONS - LC ADAPTER / 740 SERIES

Parameters	Phosphor/Bronze		Zirconia
Operating Temperature	- 40°C to + 85°C		- 40°C to + 85°C
Connection Durability	500 Matings		500 Matings
Repeatability	$\Delta IL < 0.2 \text{ dB}$		$\Delta IL < 0.1 dB$
Insertion Loss	< 0.3 dB	:	< 0.25 dB

ORDERING INFORMATION LC CONNECTOR / 721 SERIES



Notes

Tel: 408.736.6900

- * All parts are sold in units of 100 **Refer to color chart for additional non-standard boot and housing colors
- ***Non-standard color lead time may be longer. Lucent LC is a trademark of Lucent, Inc.

Email: sales@afop.com

- 1. Only available for 3 mm and 2.4 mm boot.
- 2. Only available for Slimpack.

ORDERING INFORMATION - LC ADAPTER / 740 SERIES

LC, Duplex, Adapter, Ceramic Sleeve, SC Cutout, Flange, Blue Body 740-0045-006

LC, Duplex, Adapter, Ceramic Sleeve, SC Cutout, w/o Flange, with Retractable Door, Blue Body 740-0065-006

LC, Duplex, Adapter, Ceramic Sleeve, SC Cutout, w/o Flange, Blue Body 740-0085-006 LC, Quad, Adapter, Ceramic Sleeve, SC Cutout, Flange, Blue Body 740-0125-006 740-0145-006 LC, Quad, Adapter, Ceramic Sleeve, SC Cutout, w/o Flange, Blue Body

LC, Duplex, Adapter, Ceramic Sleeve, SC Cutout, Flange. EMI Shiedling, Blue Body 740-0155-006

740-0175-006 LC, Duplex, Adapter, Ceramic Sleeve, Standard Cutout, Blue Body 740-0187-006 LC, Simplex, Adapter, Metal Sleeve, Standard Cutout, Beige Body 740-0195-006 LC, Simplex, Adapter, Ceramic Sleeve, Standard Cutout, Blue Body

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