



LC Adapter



LC Connector

INTRODUCTION

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

APPLICATIONS

- Local Area Networks
- 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

SPECIFICATIONS

LC Connectors		
Parameters	Multimode	Singlemode
Insertion Loss	0.2 dB Typical 0.3 dB Maximum	0.15 dB Typical 0.25 dB Maximum
Repeatability	< 0.2 dB	< 0.1 dB
Back Reflection	- 25 dB Typical	- 35 dB PC Polish
Connection Durability	500 Matings	500 Matings
Operating Environment	- 40°C to + 85°C	- 40°C to + 85°C

FIBER LC ADAPTERS&CONNECTORS

Cable Retention	> 15 Lbs	> 15 Lbs
LC Adapter		
Parameters	Phosphor/Bronze	Zirconia
Operating Temperature	- 40°C to + 85°C	- 40°C to + 85°C
Connection Durability	500 Matings	500 Matings
Repeatability	< 0.1 dB	< 0.1 dB
Insertion Loss	< 0.3 dB	< 0.2 dB

ORDERING INFORMATION

LZ-FCLCS-SM: LANZONE Singlemode Fiber connector LC, EPOXY type Simplex

LZ-FCLCS-MM: LANZONE Multimode Fiber connector LC, EPOXY type Simplex

LZ-FALCD-SM: LANZONE Single mode Fiber adapter LC type duplex

LZ-FALCD-MM: LANZONE Multi mode Fiber adapter LC type duplex