

# Specification

## LC ADAPTER

### Description

Fiber optic adapter is to achieve the same or different optical fiber connectors docking in optical links, make the light path connected under the small loss. It is to put the fiber of two surface precision docking, so that the optical output of light energy to the maximum coupling in the receiving optical fiber, and since it entered the optical link to minimize the effects on the system. Widely used in optical fiber distribution frame (ODF), fiber optic communications equipment, instruments, etc., superior performance, stable and reliable.

### Application

- CATV
- Telecommunication networks
- Local Area Networks (LANs)
- Data processing networks
- Test equipment
- Premise installations
- Gigabit Ethernet
- Video

### Features

- Low insertion loss and back reflection loss
- High precision alignment
- Compact design
- Plastic housing
- Telcordia, ANSI, TIA/EIA, NTT and JIS compliance

### Specification

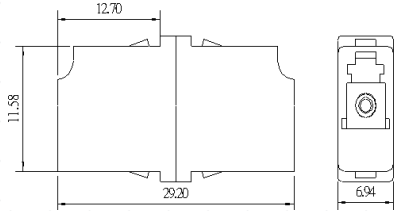
Item	Specification
Insertion Loss	<0.20dB
Durability	<0.20dB typical change, 1000 matings
Operating Temperature	-40 ~ 85°C

### Availability

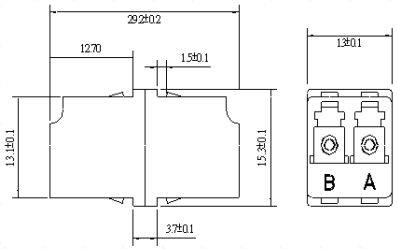
With zirconia sleeve	Symmetric	Simplex
Duplex with SC footprint	Asymmetric	Duplex



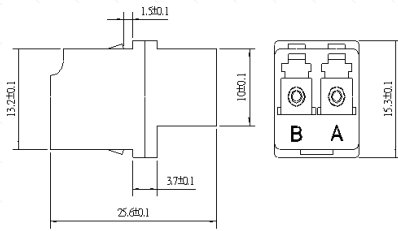
**LC SMSX Adapter (Symmetric)**



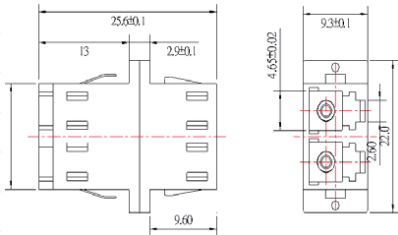
**LC SMDX Adapter (Symmetric)**



**LC SMDX Adapter (Asymmetric)**



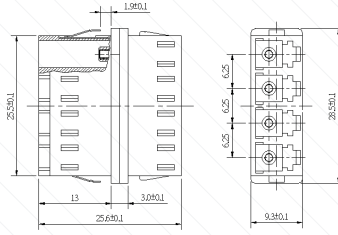
**LC MMDX Adapter (Asymmetric)**



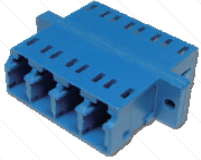
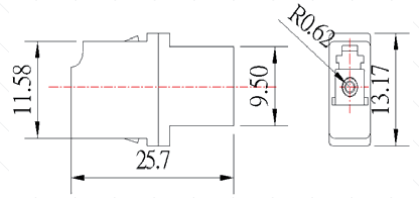
# Specification



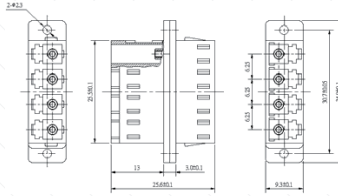
**LC Quad Adapter ]  
Asymmetric, no flange**



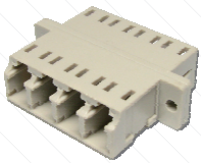
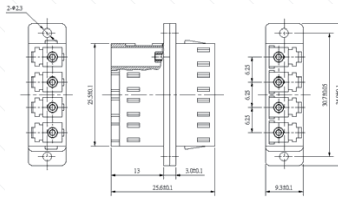
**LCA SMSX Adapter  
Asymmetric, no flange**



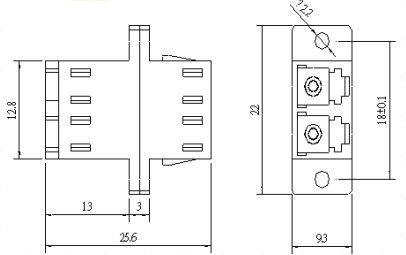
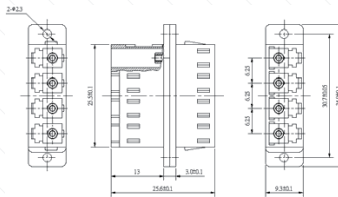
**LC Quad Adapter  
Asymmetric, with flange**



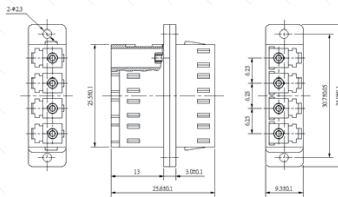
**LC SMSX Adapter  
(Symmetric)**



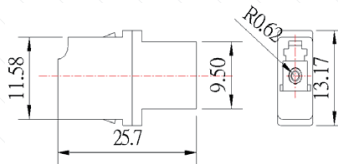
**LC MM Quad Adapter  
Asymmetric, with flange**



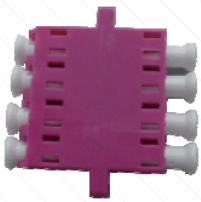
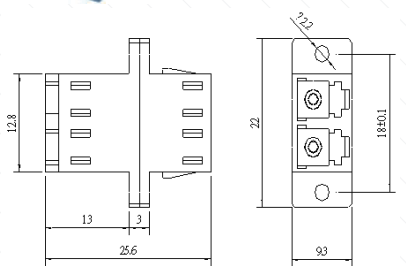
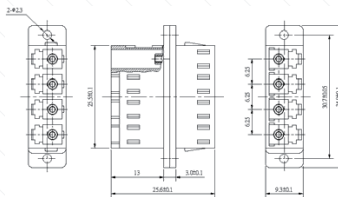
**LCA SM Quad Adapter  
(Asymmetric) with flange**



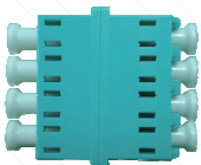
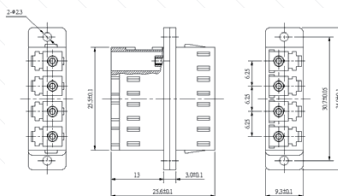
**LC MMSX Adapter  
(Asymmetric)**



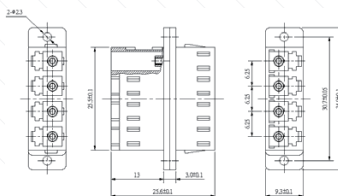
**LC SMDX Adapter  
Asymmetric, with flange**



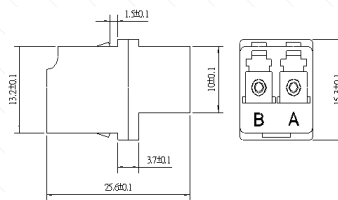
**LC MMSX Adapter  
(Asymmetric)**



**LC MM Quad Adapter  
Asymmetric, with flange**



**LCA SMSX Adapter  
Asymmetric, no flange**



Note: Such as demand and conventional standard is different, can produce products according to customer's requirements.