

## Fiber Adapter LC Series

### Description

LC Adapters are available in simplex, duplex and other constructsures. The main feature is self-locking and the choice of mounting direction. Singlemode and multimode LC adapters with zirconia ceramic sleeves. For SC-configured environments, offered LC Duplex Adapters with SC Footprint. LC Connectors are available in pre-assembled or kit (unassembled) formats.

### Applicaition

- CATV.
- Video.
- Active Device Termination.
- Premise Installations.
- Telecommunication Networks.
- Local Area Networks (LAN).
- Data Processing Networks.
- Wide Area Networks (WAN).
- Industrial, Medical & Military.

### Feature

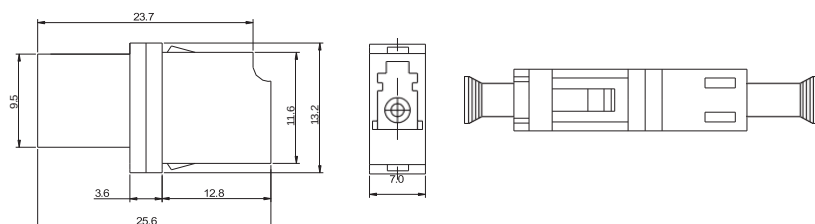
- Compact Design.
- Telcordia, ANSI, TIA/EIA, NTT and JIS Compliance.
- High Precision Alignment.
- Low insertion and Return Loss.

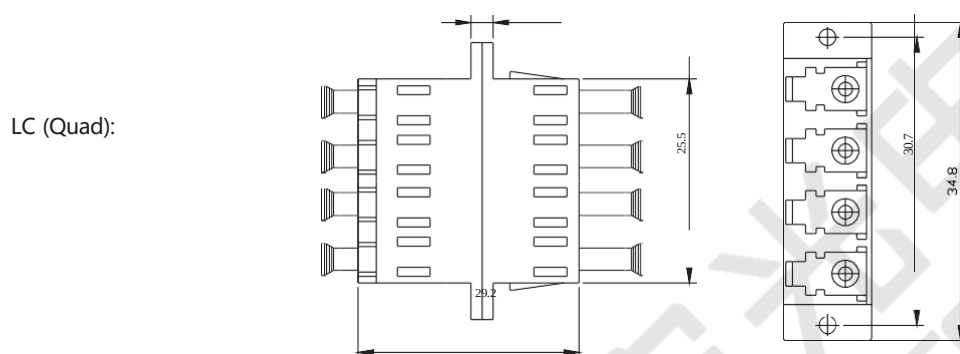
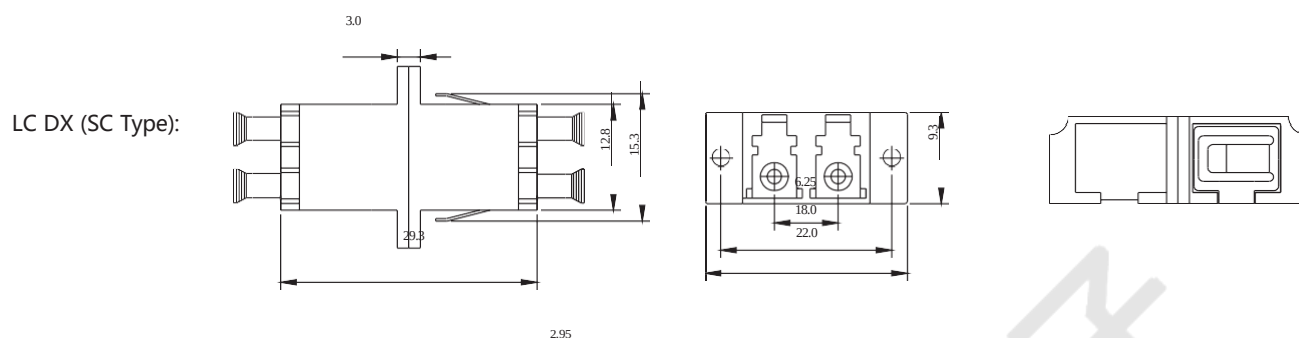
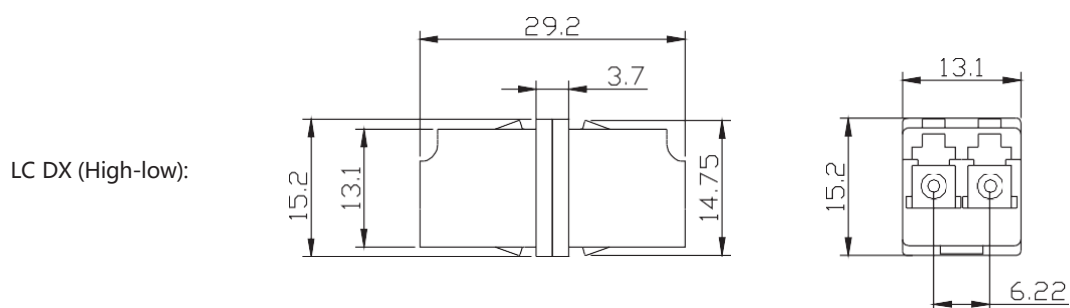
### Parameter

| Parameters            | Value                                          |
|-----------------------|------------------------------------------------|
| Insertion loss        | $\leq 0.20\text{dB}$                           |
| Repeatability         | $\leq 0.10\text{dB}$                           |
| Operating temperature | $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$ |
| Storage temperature   | $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$ |

### Drawing:

LC Simplex:





Describe: AD - LC - UPC - FF - SM - DX - ZR - Blue

|                  | 1                                                                     | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|------------------|-----------------------------------------------------------------------|---|---|---|---|---|---|---|
| 1-Model          | AD: Flange                                                            |   |   |   |   |   |   |   |
| 2-Connector type | LC;                                                                   |   |   |   |   |   |   |   |
| 3-Polishing      | UPC; APC;                                                             |   |   |   |   |   |   |   |
| 4-Shapes         | FF: Standard ear; RF: Short ear; HL: High-low type; HH: Contour type; |   |   |   |   |   |   |   |
| 5-Fiber Mode     | SM: Single mode; MM: Multi mode;                                      |   |   |   |   |   |   |   |
| 6-Adapter number | SX: Simplex; DX: Duplex; QT: Quad;                                    |   |   |   |   |   |   |   |
| 7-Material       | ZR: Zirconia ceramics; PB: Phosphor bronze;                           |   |   |   |   |   |   |   |
| 8-Body color     | Blue; Beige; Green; Aqua (OM3); Violet (OM4).                         |   |   |   |   |   |   |   |