

LC ADAPTER DATASHEET-ONE PIECE TYPE

Brief Introduction

LC fiber optical adapter also called LC fiber optical coupler, which is a device for detachable connection between optical fiber connector and optical fiber connector. This is one-piece type; There is no need to go through plastic welding, which avoids the defects caused by welding. The channels have duplex and 4-core. Our company's LC adapter appearance must be smooth and clean. It has no oil, burrs, scars and crack. The color of adapter must be bright in good consistency, all parts of adapter can assembly well without difficulty, it should be easy and comfortable to plug in and pull out connector from adapters, the clip should be powerful.

Features

1. Modes: SM or MM
2. Sleeve in high precision
3. Low insertion loss
4. Good repeatability
5. Good interchangeability
6. Easy installation
7. Good temperature stability



LC DUPLEX NO FLANGE



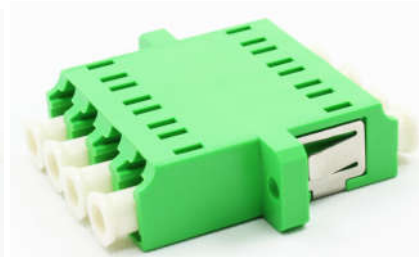
LC DUPLEX WITH FLANGE

Applications

1. Optical fiber communication system
2. Cable television network
3. Optical fiber access network
4. Video transmission
5. Test equipment
6. LAN,WAN



LC 4-CORE NO FLANGE



LC 4-CORE WITH FLANGE

Specifications

| Project | | | Values |
|--------------------------|------------------|--|------------------|
| Reference standard | | | YD/T 1272.1-2003 |
| Insertion loss | | | ≤0.2dB |
| IL change absolute value | low temperature | Temperature: -40°C Duration: 168 h | ≤0.2dB |
| | high temperature | Temperature: 85°C Duration: 168 h Temperature change rate: 1°C/min | ≤0.2dB |
| | Hot and humid | Temperature: 40°C Humidity: 90%~95% Duration: 168h Temperature change rate: 1°C/min | ≤0.2dB |

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|---------------------|--|--|--------|
| | Temperature cycle | Temperature: -40°C to + 85°C Duration: 168h Cycle times:21 Temperature change rate: 1°C/min | ≤0.2dB |
| | repeatability | Insertion pull times:10 | ≤0.2dB |
| | Mechanism durability | Insertion times: 500 cycles | ≤0.2dB |
| | Tensile strength Of coupling mechanism | 68.6N/10 Minute | ≤0.2dB |
| Pull-out force | | ≤19.6.N | |
| Flame resistance | | UL94-V0 | |
| Work temperature | | -25°C~+75°C | |
| Storage temperature | | -40°C~+85°C | |