

# LC DUPLEX ADAPTER

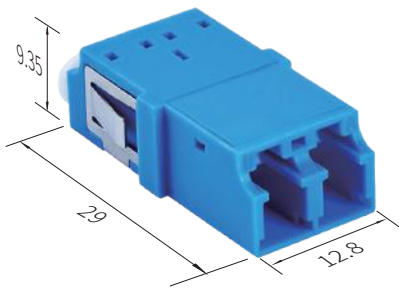
With Internal Shutter, SC Footprint, Without Flange

Traceable, Dust-Proof, Eye-Safety Shutter



## Description

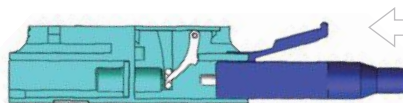
The T&S patented SC footprint LC Duplex Adapter merges a standard design with the advantages of built-in internal shutters, offering superior protection against lasers, dust, and debris while safeguarding the ferrule. The front receptacle eliminates the need for a dust cap, streamlining usage. This adapter is specifically engineered for module cassettes in rack-mounted fiber optic enclosures, making it ideal for data center fiber cabling applications.



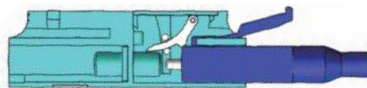
## Features

- Without flange
- Ideal for high-density applications
- No dust cap required for front receptacle
- Compatible with T&S Ultra series products
- IP5X dust-proof
- Adapter traceability with visible light source
- Ferrule does not make contact with the shutter

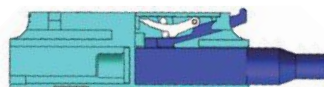
## Shutter Mechanism



Shutter original position (Closed)



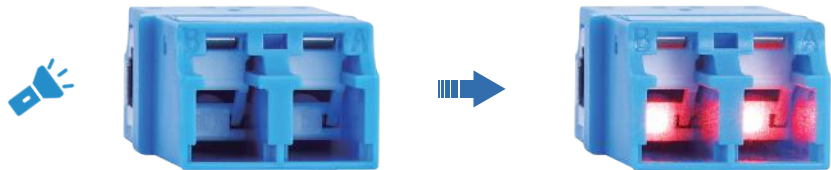
The shutter automatically opens when the connector is inserted.



The ferrule does not touch the ferrule end-face throughout the entire

### Traceable & Eye-safety

When using laser or other visible light for tracking the adapter port, the light will pass through the ceramic sleeve of the adapter, illuminating the internal shutter.



### IP5X Dust-Proof

The internal shutter remains closed until connectors are plugged in, preventing the ceramic sleeve from getting contaminated by debris and dust in the air.



### Housing Color



Blue



Green



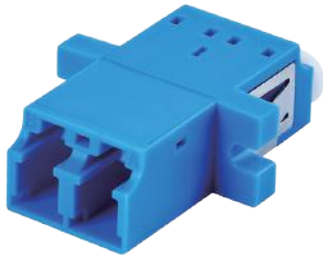
Aqua



Magenta

### Ordering Information

PN	Description
AD.LC.BL-D-ZR-83	Adapter LC duplex, blue housing, white internal shutter, without flange, SC footprint
AD.LC.GR-D-ZR-83	Adapter LC duplex, green housing, white internal shutter, without flange, SC footprint
AD.LC.AQ-D-ZR-83	Adapter LC duplex, aqua housing, white internal shutter, without flange, SC footprint
AD.LC.RS-D-ZR-83	Adapter LC duplex, magenta housing, white internal shutter, without flange, SC footprint



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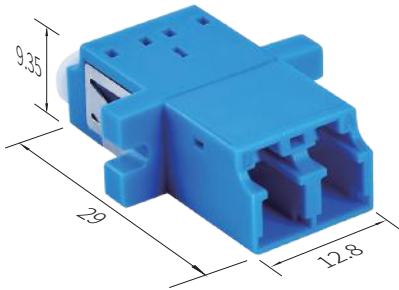
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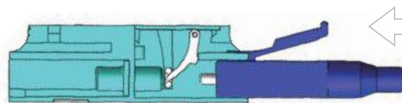
The T&S patented SC footprint LC Duplex Adapter with flange merges a standard design with the advantages of built-in internal shutters, offering superior protection against lasers, dust, and debris while safeguarding the ferrule. The front receptacle eliminates the need for a dust cap, streamlining usage. This adapter is specifically engineered for module cassettes in rack-mounted fiber optic enclosures, making it ideal for data center fiber cabling applications.



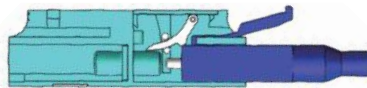
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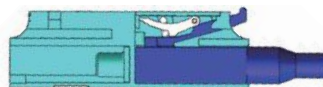
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Shutter original position (Closed)



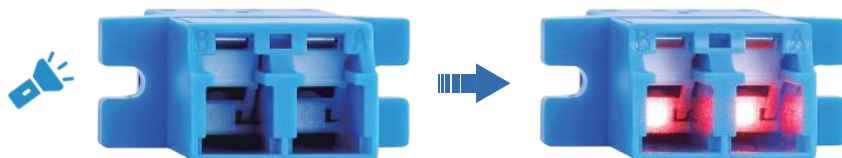
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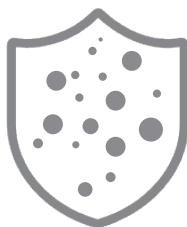
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