



# QuantumConnect LC Duplex Adapter with Flange, SM, Blue



## Product Part Number

N162.LCD5BL(F)

## Product Description

QuantumConnect LC Duplex Adapter with Flange is designed for seamless integration and connectivity in fiber optic networks. This high-quality adapter features a LC Duplex interface and a built-in flange for secure mounting. It provides reliable alignment and low insertion loss for optimal signal transmission. Ideal for both patch panels and wall plates, it ensures stable and efficient fiber connections in various applications. Complied to ANSI/TIA-568.3-D Standard

## Product Features

- **Precision Performance:** Optimized for single-mode (SM) fiber connections, ensuring low insertion loss and excellent signal integrity for long-distance optical transmission.
- **Flange for Secure Installation:** Equipped with a flange for stable and secure mounting in fiber optic panels or enclosures, ensuring reliable operation in various setups.
- **Color-Coded Blue :** Standardized color for single-mode fiber adapters, making it easy to distinguish from multimode fiber adapters for clarity in installations.



## Material Specifications

Adapter Color	Blue (SM)
Insertion Loss	≤ 0.15 dB
Coupling Tensile Strength	80N
Durability	500 Times

## Environmental Specifications

Operating Temperature Range	- 40°C to 85°C
Storage Temperature Range	- 40°C to 85°C

## Routine Factory Tests

Vibration Test (IEC 61300-2-1)	IL change less than 0.2dB
Durability Test (IEC 61300-2-2)	IL change less than 0.2dB
Tensile Strength Test (IEC 61300-2-4)	IL change less than 0.2dB
Temperature Cycle Test (IEC 61300-2-22)	IL change less than 0.2dB

## Ordering Information

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