



QuantumConnect LC Duplex Adapter without Flange, SM, Blue



Product Part Number

N162.LCD5BL

Product Description

QuantumConnect LC Duplex Adapter without Flange is a compact, high-performance solution for fiber optic connections. Designed for seamless integration in high-density environments, it ensures reliable signal transmission with low insertion loss. Ideal for efficient and space-saving installations. 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-Less Design for Easy Installation : Features a compact, flange-free design for simple and efficient mounting in fiber optic panels or enclosures, ideal for space-constrained setups.
- Color-Coded Blue : Standardized color for single-mode fiber adapters, making it easy to differentiate from multimode fiber adapters during installation and maintenance.



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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