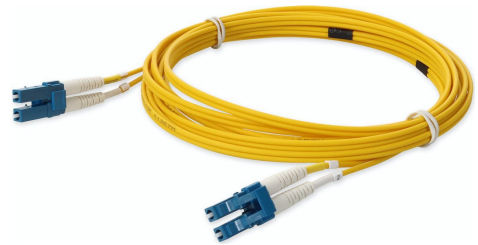


**C-LC-LC-2M9SMFLZ**

2m LC (Male) to LC (Male) Straight Yellow OS2 Duplex LSZH Single-Mode Fiber (SMF) Patch Cable

**Features**

- LC/LC Male connectors
- 9/125 Single-Mode Fiber Patch Cable
- LSZH cable jacket type
- Yellow Jacket Color
- 2m Length
- OS2 Rated
- Insertion Loss  $\leq 0.2\text{dB}$
- Return Loss  $\geq 55\text{dB}$

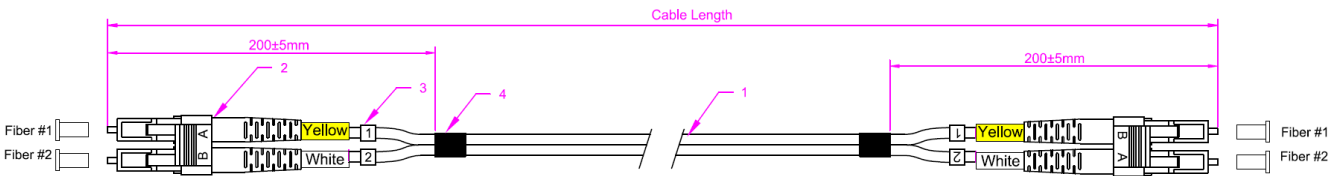
**Product Description**

This is a 2.0m (6.6ft) LC (male) to LC (male) yellow OS2 Duplex LSZH-rated patch straight cable that is used for high speed data transfer. OS2 is a standard single-mode optical fiber commonly used with wavelengths of 1310nm and 1550nm (9/125 microns), and has a maximum attenuation of 1dB/km. The OS2 standard is defined in ISO/IEC 11801. Duplex cabling provides two-strands of fiber and is most commonly used in applications that utilize one lane to transmit and one lane to receive. Our patch cables are 100% compliant for all of your networking needs and are guaranteed by federal law to not affect or void OEM warranties.

# General Specifications

| Parameter         | Specifications               |
|-------------------|------------------------------|
| Application       | Patch                        |
| Cable Mode        | Duplex                       |
| Connector         | LC (Male) to LC (Male)       |
| Standard          | OS2                          |
| Fiber Type        | SMF                          |
| Strand Count      | 2                            |
| Shielding         | Not Shielded                 |
| Core/Cladding     | 9/125μm                      |
| Color             | Yellow                       |
| Jacket Type       | LSZH                         |
| Fiber Termination | UPC – Ultra Physical Contact |
| Termination Type  | Straight                     |
| Length (ft)       | 6.56                         |
| Length (m)        | 2                            |
| Media             | Fiber                        |
| Insertion Loss    | ≤0.2dB                       |
| Return Loss       | ≥55dB                        |
| Cable Tolerance   | 10cm                         |

# Mechanical Specifications



| Item | Quantity | Specifications  |
|------|----------|---|
| 1    | A/R      | OD: 2.0mm, 9/125 G657A1, Duplex, Fiber Optic Cable, LSZH, Color: Yellow |
| 2    | 2        | LC/UPC SM 2.0mm Duplex Connector, Blue Housing, 19mm, White Boot        |
| 3    | 4        | Cable Marker  |
| 4    | 2        | Black Shrinkage Tube  |

## About ProLabs

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

## Complete Portfolio of Network Solutions

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

## Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.



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