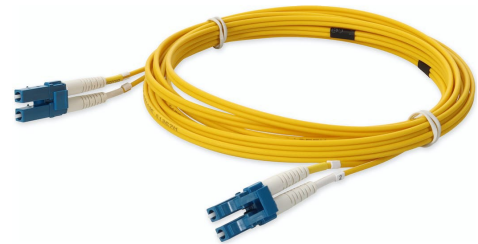


### **ADD-LC-LC-7M9SMFLZ**

7m LC (Male) to LC (Male) Straight Yellow OS2 Duplex LSZH Fiber Patch Cable

#### **Features**

- LC/LC Male connectors
- 9/125 Single-Mode Fiber Patch Cable
- LSZH cable jacket type
- Yellow Jacket Color
- 7m Length
- OS2 Rated
- Insertion Loss  $\leq 0.2\text{dB}$
- Return Loss  $\geq 55\text{dB}$



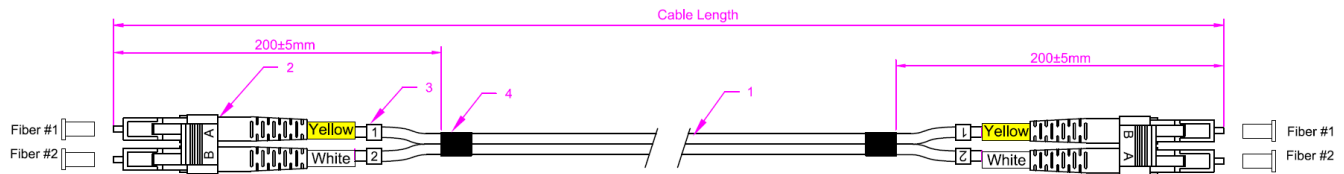
#### **Product Description**

This is a 7.0m (23ft) 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         | Specification                |
|-------------------|------------------------------|
| 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)       | 22.97                        |
| Length (m)        | 7                            |
| 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 AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is ingrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.



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