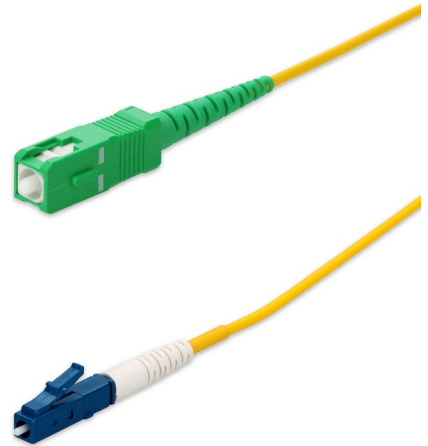


### **C-ASC-LC-3MS9SMF**

3m ASC to LC Yellow OS2 Simplex OFNR (Riser-Rated) SMF Fiber Patch Cable

#### **Features**

- ASC Male to LC Male Connectors
- 9/125 Patch cable
- OFNR Rated
- Yellow Jacket Color
- OS2
- Insertion Loss  $\leq 0.2\text{dB}$
- Return Loss  $\geq 60\text{dB APC}$   
 $\geq 55\text{dB UPC}$



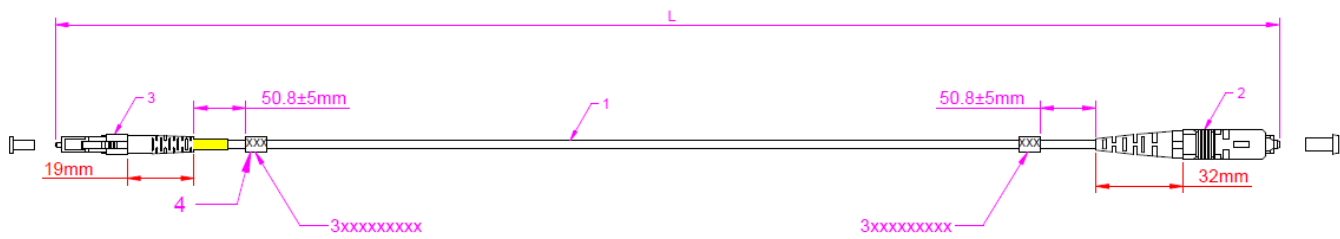
#### **Product Description**

This is a 3m ASC to LC Yellow OS2 Simplex OFNR (Riser-Rated) SMF Fiber Patch Cable. OS2 fiber optic cable is a high-performance single-mode fiber designed for long-distance data transmission, making it ideal for businesses requiring reliable and fast network connections over longer distances up to 200 kilometers. With low signal loss and the ability to support 1G to 100G speeds, ensuring efficient communication across offices, data centers, or industrial facilities. OFNR riser fiber cable jackets are designed for vertical installations in building risers, providing fire-resistant protection to ensure safe data transmission between floors. These cables meet strict safety standards, making them ideal for businesses that need reliable, in-building network infrastructure without the risk of fire spreading through conduits. The Standard Boot option provides reliable and straightforward connections for fiber cables, making it an economical choice for various networking applications. Ideal for businesses that require dependable performance without the complexity, this option ensures consistent data transmission in everyday network setups. Our cables are TIA compliant, ensuring performance for all networking needs.

## Specifications

| Parameter                    | Specifications                       |
|------------------------------|--------------------------------------|
| Environment                  | Indoor                               |
| Standard                     | OS2                                  |
| Fiber Type                   | SMF                                  |
| Connector                    | ASC (Male) to LC (Male)              |
| Color                        | Yellow                               |
| Shielded                     | No                                   |
| Strand Count                 | 1                                    |
| Cable Mode                   | Simplex                              |
| Jacket Type                  | Riser                                |
| Termination Type             | Straight                             |
| Core/Cladding                | 9/125 $\mu$ m                        |
| Fiber Termination            | APC - Angled Physical Contact        |
| Polarity                     | Type A-A                             |
| Cable Type                   | OS2                                  |
| Armored                      | No                                   |
| Bend Insensitivity           | G.657.A1                             |
| Connector 1 Ferrule Polish   | APC (Angled Physical Contact)        |
| Connector 2 Ferrule Polish   | UPC (Ultra Physical Contact)         |
| Insertion Loss Grade         | Grade C                              |
| Fire Rating                  | Riser (OFNR)                         |
| Jacket Material              | PVC (Polyvinyl Chloride)             |
| Outer Diameter               | 2.0mm                                |
| Connector 1 Boot Style       | Standard Boot                        |
| Connector 2 Boot Style       | Standard Boot                        |
| Connector 1 Color            | Green                                |
| Connector 2 Color            | Blue                                 |
| Insertion Loss               | $\leq 0.2$ dB                        |
| Return Loss                  | $\geq 60$ dB APC<br>$\geq 55$ dB UPC |
| Cable Tolerance              |                                      |
| Cable Length <1m             | 5cm                                  |
| 1m $\leq$ Cable Length <15m  | 10cm                                 |
| 15m $\leq$ Cable Length <30m | 15cm                                 |
| Cable Length $\geq 30$ m     | Cable Length* 1%                     |

Mechanical Specifications



| Item | Quantity | Specifications                                                                      |
|------|----------|-------------------------------------------------------------------------------------|
| 1    | A/R      | OD: 2.0mm, Single-mode 9/125 G657A1, Fiber Optic Cable, simplex, PVC, Color: Yellow |
| 2    | 1        | SC/APC SM 2.0mm Simplex Connector (Green Housing, Green 32mm Boot)                  |
| 3    | 1        | LC/UPC SM 2.0mm Simplex Connector (Blue Housing 19mm Short White Boot)              |
| 4    | 2        | Cable Label                                                                         |

## About ProLabs

Our extensive experience comes as standard. For over 20 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 more than 100 optical switching and transport platforms.

## A 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 1.6T 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.

## The Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure compatible products, and immediate answers to your questions. 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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