



# LC-LC DUPLEX SINGLE MODE FIBER OPTICAL PATCH CORD

118-032XX

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## Overview

- Fiber Type: Single Mode (9/125 um)
- Connection Structure: LC-LC Duplex
- High-quality LC-LC duplex single mode fiber optic patch cords with low loss, durability, stability, and compliance to industry standards.

## Ordering Information

| Part Number | Description                                      |
|-------------|--------------------------------------------------|
| 118-03211   | LC-LC DUPLEX FIBER OPTIC PATCH CORD 1M 9/125 SM  |
| 118-03212   | LC-LC DUPLEX FIBER OPTIC PATCH CORD 2M 9/125 SM  |
| 118-03213   | LC-LC DUPLEX FIBER OPTIC PATCH CORD 3M 9/125 SM  |
| 118-03215   | LC-LC DUPLEX FIBER OPTIC PATCH CORD 5M 9/125 SM  |
| 118-03210   | LC-LC DUPLEX FIBER OPTIC PATCH CORD 10M 9/125 SM |

## Industry Standard

- Telcordia GR-326-CORE
- ITU-T G651, IEC 60793-2
- RoHS, UL, CE, ISO9001
- IEC60874, IEC61754
- ISO/IEC 11801
- IEC-60754-1, IEC-60754-2

## Applications

- Telecom, Data Centers and Transceiver connectivity

## General Information

- Core: One Core
- Connector Polish Type: UPC
- Sheath Material: LSZH
- Connection Structural: UPC-LC/UPC
- Tight Buffer Color: Yellow
- Connector Color: Blue
- RoHS / ELV Compliant
- Cable Diameter: 1.8mm
- Ferrule: Ceramic
- Buffer: 0.6mm

## PRODUCT TECHNICAL SPECIFICATION | LC-LC DUPLEX SINGLE MODE FIBER OPTICAL PATCH CORD

### Product Electrical Characteristics:

- Insertion loss:  $\leq 0.20$  dB
- Max. Insertion loss:  $\leq 0.30$  dB
- Repeatability:  $\leq 0.10$  dB
- Changeability:  $\leq 0.20$  dB
- Return loss:  $\geq 45$  dB (PC),  $\geq 50$  dB (UPC),  $\geq 60$  dB (APC)

### Sheath Physical Properties:

- Allowed Lateral Pressure: 100-1000 N/100mm
- Allowed Tensile Strength: 100-1000N
- Operation Temperature:  $-40^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$
- Storage Temperature:  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Durability:  $>1000$  times

V3/1209/25

### HEADQUARTERS



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### CONNECT THE FUTURE



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