



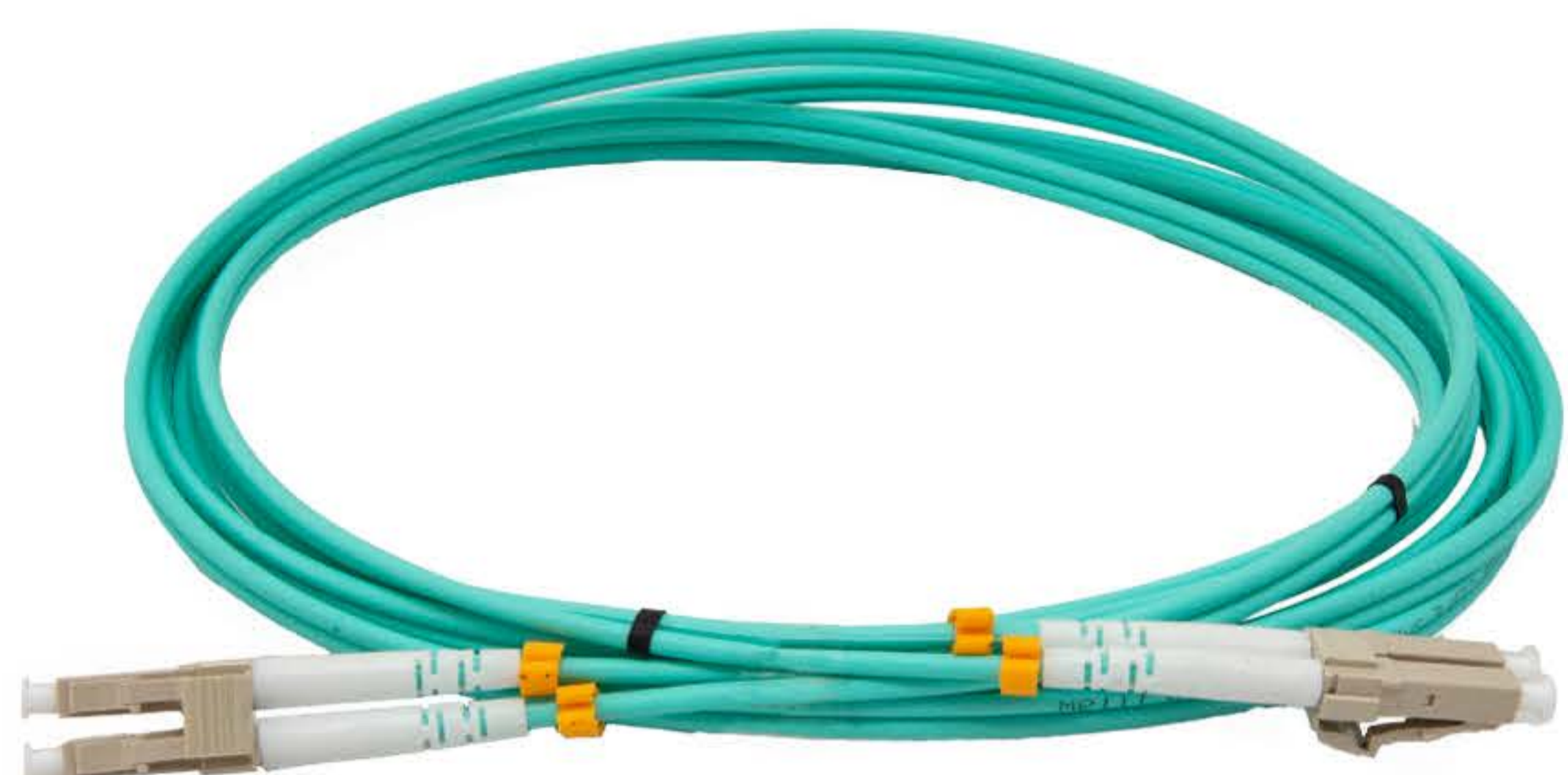
# LC-LC DUPLEX FIBER OPTICAL PATCH CORD OM4

118-0314X

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## Overview

- Fiber Type: 50/125 OM4
- Connection Structure: LC-LC
- The cables offer low loss, machine-polished assemblies, robustness, and repeatable connections with key-oriented coupling mechanism.

## Ordering Information

Part Number	Description
118-03141	LC-LC DUPLEX FIBER OPTIC PATCH CORD 1M 50/125 OM4
118-03142	LC-LC DUPLEX FIBER OPTIC PATCH CORD 2M 50/125 OM4
118-03143	LC-LC DUPLEX FIBER OPTIC PATCH CORD 3M 50/125 OM4
118-03145	LC-LC DUPLEX FIBER OPTIC PATCH CORD 5M 50/125 OM4
118-03140	LC-LC DUPLEX FIBER OPTIC PATCH CORD 10M 50/125 OM4

## Industry Standard

- ISO/IEC 11801
- Cenelec EN 50173-1
- ITU-T G652, IEC 60793-2
- IEC 60754-1, IEC 60754-2
- Telcordia GR-326-CORE
- RoHS, ANSI/TIA568-B.3
- IEC 60332-3, IEC 61300-2-1
- IEC 60874, IEC 61754-7

## Applications

- Telecom, Data Centers and Transceiver connectivity

## General Information

- Connector Type : PC, Color: Gray
- Tight Buffer Color: Aqua
- Sheath Material: LSZH (Low Smoke Zero Halogen)
- Sheath Thickness: 2.00mm
- Material of Plastic Plug: Compliant with UL94V-0 and RoHS standards
- Core Diameter: 50 ±2.5 µm or better
- Cladding Diameter: 125 ±2.5 µm or better
- Cladding Concentricity Error: ≤1.5 µm or better
- Cladding Non-Circularity: ≤1% or better
- Coating Diameter (Uncolored): 243 ±7 µm or better
- Coating Concentricity Error: ≤12 µm or better

## PRODUCT TECHNICAL SPECIFICATION | LC-LC DUPLEX FIBER OPTICAL PATCH CORD OM4

### Product Electrical Characteristics:

- Insertion Loss (Min): ≤0.15 dB
- Insertion Loss (Max): ≤0.30 dB
- Repeatability: ≤0.10 dB
- Changeability: ≤0.20 dB
- Return Loss PC: ≤40 dB
- Proof Test Level: ≥1%
- Curl Radius: ≥4 m or better
- Strip Force Average: 1 – 5 N. Strip Force Peak: 1/3 – 8.9 N

### Sheath Physical Properties:

- Operation Temperature: -40°C to +75°C
- Storage Temperature: -40°C to +70°C
- Durability: >1000 times
- Cable Retention: 100 N x2, 120s; Additional Loss ≤0.2 dB
- Vibration Test: 10–500 Hz, 1.5 mm amplitude; Additional Loss ≤0.1 dB
- Drop Test: 1.5 m, 5 times; Additional Loss ≤0.2 dB

V3/1108/25

### HEADQUARTERS



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### CONNECT THE FUTURE



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