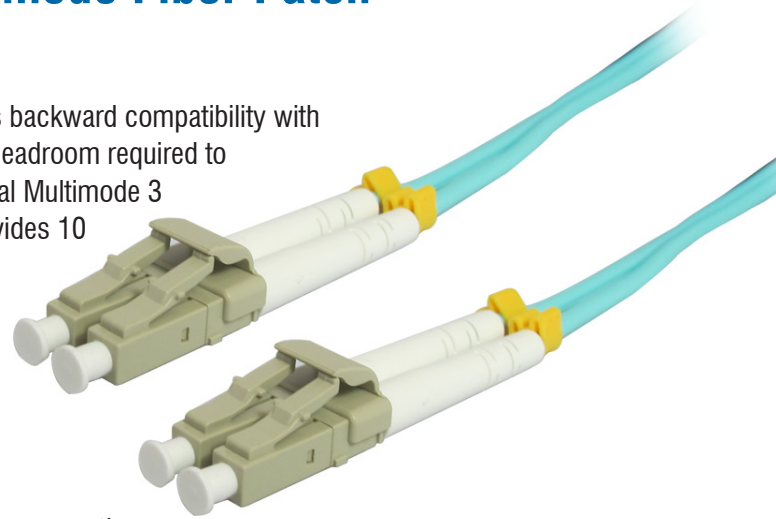




## 10Gb LC/LC Duplex 50/125 Multimode Fiber Patch Cable - Aqua

This laser-optimized multimode fiber (LOMMF) cable provides backward compatibility with existing 50/125 equipment while providing the performance headroom required to support laser light sources and 10 Gigabit applications. Optical Multimode 3 (OM3) fiber supports 2000 MHz/km EMB at 850nm, and provides 10 Gigabit transfers up to 300 meters using an 850nm VCSEL source. The Aqua colored jacket is PVC (OFNR-rated), and comes with our Lifetime warranty for a lifetime of worryfree use.



### Features

- 10-Gigabit application support
- Duplex cable is joined together in a zipcord style for easy separation
- Features a Laser-Optimized 50- $\mu$ m core and 125- $\mu$ m cladding
- Use with both LED and VCSEL laser light sources
- Ceramic ferrules for long-lasting reliability and precision alignment
- Used to connect patch panels and/or network devices that require 50/125 multimode cabling
- OFNR jacket complies with stringent building codes

### Specifications

- Connector 1: LC Male
- Connector 2: LC Male
- Optical Multimode 3 (OM3) fiber supporting 2000 MHz.km EMB at 850 nm.
- LC Connector Dimensions: 10.75mm Height x 12.5mm Width x 50mm Depth (with installed duplex clip)
- Maximum Connector Loss: 0.30 dB
- Typical Connector Loss: 0.20 dB
- Typical Return Loss: -25 dB
- Buffer Material: PVC
- Buffer OD: 900  $\mu$ m
- Jacket Material: PVC (OFNR riser-rated)
- Jacket OD: 3.0 mm
- Installation Tensile Load: 100 N (445 lbs)
- Long-Term Tensile Load: 50 N (222 lbs)
- Maximum Tensile Load: 100 N/cm
- Installation (Loaded) Minimum Bend Radius: 5.0cm (1.97in)
- Long-Term (Unloaded) Minimum Bend Radius: 3.0cm (1.2in)
- Crush Resistance: 750 N/cm
- Impact Resistance: 1,000 cycles
- Flex Resistance: 5,000 cycles
- Attenuation at 1300 nm: 1.0 dB/km
- Attenuation at 850 nm: 3.5 dB/km
- Operating Temperature: -20C to +80C
- Weight Lbs: .06
- RoHS Compliant

<b>LC-LC-OM3-1M</b>	1 Meter	<b>LC-LC-OM3-7M</b>	7 Meters
<b>LC-LC-OM3-2M</b>	2 Meters	<b>LC-LC-OM3-10M</b>	10 Meters
<b>LC-LC-OM3-3M</b>	3 Meters	<b>LC-LC-OM3-15M</b>	15 Meters
<b>LC-LC-OM3-5M</b>	5 Meters	<b>LC-LC-OM3-20M</b>	20 Meters

