

## OM5 LC/LC UPC LSZH/OFNR Dual-Rated Multimode Fiber Optic Patch Cable Lime Green FBR-1050-XX

LENGTHS AVAILABLE: 1M,2M,3M,4M,5M,6M,7M,8M,10M,12M,15M,20M,25M,30M,50M



### OM5 LC/LC UPC MULTI-MODE FIBER OPTIC PATCH CABLE

- Our high-quality OM5 multi-mode fiber cable with LC/LC connectors is perfect for high-throughput applications.
- Corning® ClearCurve® OM5, ColorPro™ Tech, 50µm core and 125µm cladding.
- Ensured via minEMB, in compliance with the TIA/EIA 455-220A and IEC 60793-1-49 standards specifically for laser-based high-performance systems.
- OM5 fiber optic cable backward compatible with OM4 and OM3.
- With an Effective Modal Bandwidth (EMB) of 4700 MHz.km at 850nm, 2470 MHz.km at 953nm.
- Support OFL Modal with the bandwidth of 3500 MHz.km at 850nm, 1850 MHz.km at 953nm, 500MHz.km at 1300nm.
- Support 10G up to 550 meters, 40G/100G up to 150 meters.
- Support Short-Wavelength Division Multiplexing (SWDM) and Wideband Multimode Fiber (WBMMF), enabling longer transmission distance and 200G/400G use.
- 40G/100G transmission distance at 450 meters under SWDM.
- LSZH/OFNR (riser) dual-rated fiber cable is ideal for use in upright shafts that run between floors in the building.
- The shorter LC connector is perfect for high-density network applications.
- Use with LED and VCSEL laser light sources.
- Backward compatible with LED-based 50/125 multimode fiber applications.
- Quality check report included in each cable package.
  
- UL listed E510298

without us, you are just not connected! ■

<b>Fiber Connector :</b>	<b>LC to LC</b>
<b>Fiber Mode:</b>	<b>OM5, Multimode, 50 / 125 μm</b>
<b>Fiber Count:</b>	<b>2 Strands</b>
<b>Polish Type:</b>	<b>UPC to UPC</b>
<b>Wavelength:</b>	<b>850nm&amp;1300nm</b>
<b>Insertion Loss:</b>	<b>≤ 0.3 dB</b>
<b>Return Loss:</b>	<b>≥ 35 dB</b>
<b>Jacket OD:</b>	<b>2.0 mm</b>
<b>Jacket Material:</b>	<b>LSZH/OFNR (Riser)</b>
<b>Jacket Color:</b>	<b>Lime Green</b>

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<b>Attribute</b>	<b>OM3</b>	<b>OM4</b>
<b>EMB @ 850nm</b>	<b>2000 MHz·km</b>	<b>4700 MHz·km</b>
<b>EMB @ 953nm</b>	<b>Not applicable</b>	<b>Not applicable</b>
<b>EMB @ 1310nm</b>	<b>~500 MHz·km</b>	<b>~500 MHz·km</b>
<b>OFL Bandwidth @ 850nm</b>	<b>1500 MHz·km</b>	<b>3500 MHz·km</b>
<b>OFL Bandwidth @ 953nm</b>	<b>Not applicable</b>	<b>Not applicable</b>
<b>OFL Bandwidth @ 1300nm</b>	<b>500 MHz·km</b>	<b>500 MHz·km</b>
<b>Bend Performance</b>	<b>Standard</b>	<b>Improved</b>
<b>SWDM Support</b>	<b>Not supported</b>	<b>Limited</b>
<b>Max Distance (40G SWDM)</b>	<b>100 meters</b>	<b>350 meters</b>

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<b>Max Distance (100G SWDM)</b>	<b>Not supported</b>	<b>100 meters</b>
<b>Max Distance (200G SWDM)</b>	<b>Not supported</b>	<b>100 meters</b>
<b>Max Distance (400G SWDM)</b>	<b>Not supported</b>	<b>Limited to short distances</b>