

## **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! ■**

Fiber Connector :	LC to LC	
Fiber Mode:	OM5, Multimode, 50 / 125 μm	
Fiber Count:	2 Strands	
Polish Type:	UPC to UPC	
Wavelength:	850nm&1300nm	
Insertion Loss:	≤ 0.3 dB	
Return Loss:	≥ 35 dB	
Jacket OD:	2.0 mm	
Jacket Material:	LSZH/OFNR (Riser)	
Jacket Color:	Lime Green	
Attribute	OM3	OM4
EMB @ 850nm	2000 MHz·km	4700 MHz·km
EMB @ 953nm	Not applicable	Not applicable
EMB @ 1310nm	~500 MHz·km	~500 MHz·km
OFL Bandwidth @ 850nm	1500 MHz·km	3500 MHz·km
OFL Bandwidth @ 953nm	Not applicable	Not applicable
OFL Bandwidth @ 1300nm	500 MHz·km	500 MHz·km
Bend Performance	Standard	Improved
SWDM Support	Not supported	Limited
Max Distance (40G SWDM)	100 meters	350 meters

<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>