



## 10GB 50/125 OM3 Duplex Multimode LSZH Fiber Optic Cable—Aqua

- Constructed to support OM3 transmission standards
- Multimode fiber construction—50/125 diameter core and cladding
- Supports up to 10 Gigabit Ethernet communication
- Lifetime warranty



# Specifications: 10GB 50/125 OM3 Duplex Multimode LSZH Fiber Optic Cable—Aqua

## Electrical Characteristics:

---

Optical Multimode 3 (OM3) fiber supporting: 10 Gigabit transfers:	2000 MHz.km EMB at 850 nm. up to 300 meters using 850 nm VCSEL source
LC Connector Dimensions:	10.75mm H x 12.5mm W x 50mm D (with installed duplex clip)
Maximum Connector Loss:	0.50 dB
Typical Connector Loss:	0.30 dB
Typical Return Loss:	-25 dB
Attenuation at 1300 nm:	1.0 dB/km
Attenuation at 850 nm:	3.5 dB/km

## Physical Characteristics:

---

Operating Temperature:	-20°C to +70°C
Buffer Material:	PVC
Buffer OD:	900 µm
Jacket Material:	LSZH PVC (OFNR riser-rated)
Jacket OD:	1.8 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



## Specifications: 10GB 50/125 OM3 Duplex Multimode LSZH Fiber Optic Cable—Aqua

Length	LC/LC	LC/SC	LC/ST	SC/SC	SC/ST	ST/ST	MTP/MTP
1m	36515	36525	36520	36510	36505	36500	—
2m	36516	36526	36521	36511	36506	36501	—
3m	36517	36527	36522	36512	36507	36502	—
5m	36518	36528	36523	36513	36508	36503	35118
10m	36519	36529	36524	36514	36509	36504	35119
15m	—	—	—	—	—	—	35120
20m	—	—	—	—	—	—	35121
30m	—	—	—	—	—	—	35122
50m	—	—	—	—	—	—	35123

