



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

## Electrical Characteristics:

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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:

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Operating Temperature:	-20°C to +70°C
Buffer Material:	PVC
Buffer OD:	900 µm
Jacket Material:	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



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Length	LC/LC	LC/SC	LC/ST	SC/SC	SC/ST	ST/ST	MTP/MTP
0.5m	01110	01123	—	—	—	—	—
1m	33045	33051	36121	33057	36111	36101	—
2m	33046	33052	36122	33058	36112	36102	—
3m	33047	33053	36123	33059	36113	36103	—
4m	01111	01124	—	—	—	—	—
5m	33048	33054	36125	33060	36115	36105	31418
6m	01112	01125	—	—	—	—	—
7m	01113	01126	—	—	—	—	—
8m	01114	01127	—	—	—	—	—
9m	01115	01128	—	—	—	—	—
10m	33050	33056	36125	33062	36120	36110	31419
12m	01116	01129	—	—	—	—	—
15m	01117	01130	—	—	—	—	31420
18m	01118	01131	—	—	—	—	—
20m	01119	01132	—	—	—	—	31421
25m	01120	01133	—	—	—	—	—
30m	01121	01134	—	—	—	—	31422
50m	01122	01135	—	—	—	—	31423

