



### **40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable–Aqua**

- Constructed to support OM4 transmission standards
- Multimode fiber construction—50/125 diameter core and cladding
- Support for 40 Gigabit and 100 Gigabit Ethernet communication
- Lifetime warranty

## Specifications: 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable—Aqua

### Electrical Characteristics:

Fiber Code:	T
Performance Option Code:	90
Optical Fiber Type:	50 Multimode
ISO/IEC 11801 Nomenclature:	OM3
Wavelength (nm):	850/1300
Maximum Attenuation (dB/km):	3.0/1.0
Minimum Over Filled Launch (OFL):	1500/500 MHz km
Minimum Effective Modal:	4700/— (MHz km)
Serial 1 Gigabit Ethernet Distance (m):	1000/600
Serial 10 Gigabit Ethernet Distance (m):	550/—

### Physical Characteristics:

Fiber Count:	2
Nominal Weight kg/km (lb/1000ft):	3.4 (2.3)
Nominal Outside Diameter mm (in):	2.0 (0.08)
Minimum Bend Radius Loaded cm (in):	3.0 (1.2)
Minimum Bend Radius Installed cm (in):	1.0 (0.4)
Maximum Tensile Loads Short-Term N (lbf):	220 (48)
Maximum Tensile Loads Long-Term N (lbf):	66 (15)
Storage Temperature:	-40°C to 70°C
Installation Temperature:	0°C to 60°C
Operation Temperature:	0°C to 70°C
Approvals:	NEC, OFNP, CSA FT-6, ICEA S-83-596

Part Number	Description	Weight (lbs)
00997	1m LC-LC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.050
00998	2m LC-LC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.062
00999	3m LC-LC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.082
01000	4m LC-LC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.098
01001	5m LC-LC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.106
01002	6m LC-LC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.128
01003	7m LC-LC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.144
01004	8m LC-LC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.160
01005	9m LC-LC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.176
01006	10m LC-LC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.192
01007	12m LC-LC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.225
01008	1m LC-SC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.058
01009	2m LC-SC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.078
01010	3m LC-SC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.094
01011	5m LC-SC 40/100Gb 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua	0.124

