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50m LC-LC 50/125 OM4 Duplex Multimode PVC Fiber Optic Cable - Aqua

Fiber optic cable designed 10GBaseSR and 40GBase BiDi applications.

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Product # :	01142
Connector 1 :	(2) LC Male
Connector 2 :	(2) LC Male

Lengths :   [**164ft**] [1.6ft] [3.3ft] [6.6ft] [9.8ft]

+ show all lengths

Ships in 7-10 business days
ⓘ

1 ▲▼

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Product Description

This OM4 Duplex Multimode Fiber Optic Cable is ideal for connecting 40GBase BiDi 10GBaseSR, SFP+ and QSFP+ transceivers for 40 and 10 Gigabit network connections. This cable provides backward compatibility with existing 50/125 equipment and the performance headroom required to support LED and VCSEL laser light sources, and 40 or 10 gigabit Ethernet applications in a datacenter or wiring closet..

Product Features

• Constructed to support OM4 transmission standards
• Multimode fiber construction - 50/125 diameter core and cladding
• Support for 10 Gigabit and 40 Gigabit Ethernet communication

⚠ **WARNING:** Cancer and Reproductive Harm www.P65Warnings.ca.gov

Product Specifications

Color :	Aqua
Length :	50.00 Meter
Jacket Rating :	Standard Non-Rated
UPC :	757120011422
Warranty :	Lifetime
Vendor :	C2G
Weight :	0.892 LB

• Download a PDF with the technical specifications of this product on the Support tab

Electrical Characteristics

• Fiber Code - T
• Performance Option Code - 90
• Optical Fiber Type - 50 Multimode
• ISO/IEC 11801 Nomenclature - OM4
• 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

Product Support

Downloads

• Download the technical specifications