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1 Review



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# 5m LC-LC 50/125 OM2 Duplex Multimode Fiber Optic Cable (TAA Compliant) - Orange

Supports gigabit ethernet, fibre channel, ATM, and internet protocol applications.



5.0

1 Review

Roll over image to zoom in

Product # : 11034

Connector 1 : (1) LC Male

Connector 2 : (1) LC Male

Lengths : 16.4ft 3.3ft 6.6ft 9.8ft 13.1ft

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Description

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## Product Description

Cost-effective solution that provides higher bandwidth and transmission rates and supports longer distances with lower loss than 62.5/125 fiber. Specifically designed for use with today's narrower aperture components, this cable is fully compatible with multimode applications. The patented injection molding process provides each connection greater durability in resisting pulls, strains and impacts from cabling installs.

Each cable is 100% optically inspected and tested for insertion loss before you receive it. A pull-proof jacket design surrounds the popular 50/125 multimode fiber, immune to electrical interference.

**WARNING:** Cancer and Reproductive Harm [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Product Certifications



## Product Specifications

<b>Length :</b>	5.00 Meter
<b>Jacket Rating :</b>	Standard Non-Rated
<b>UPC :</b>	757120110347
<b>Warranty :</b>	Lifetime
<b>Vendor :</b>	C2G
<b>Weight :</b>	0.110 LB

All Measurements @ 1310nm MM

#### Attenuation

- Insertion Loss Max 0.75dB
- Back Reflection Min 20dB
- Ferrule Compression Force 7.8N to 11.8N
- Innerbody pushout force from outerhousing 10lbs.
- Ferrule holder pushout force from innerbody 10lbs.
- Ferrule creep after heat aging @ 80degC-3 days <math>< < < > 0.001 \text{ in.}</math>

Temp/Humid Change in Attenuation <math>< < < > 0.2\text{dB}</math>

- Cold -10C, 4 days
- Dry Heat 70C, 4 days
- Damp Heat 40C/93%RH 4 days
- Insertion Loss Max 0.75dB
- Return Loss Min 20dB

Durability Change in Attenuation <math>< < < > 0.2\text{dB}</math>

- Drop 8 drops from 1.8m
- Engagement <math>< & < > \text{ Seperation Force Max } 19.6 \text{ N}</math>
- Mechanical endurance 500 cycles
- Insertion loss Max 0.75dB
- Return Loss Min 20dB

Vibration Change in Attenuation

- Vibration 3 axis, 30 min
- Change of Temp (Nb) -10to70C, no RH, 5 cycles, 30 min
- Insertion Loss Max 0.75dB
- Return Loss Min 20dB

Strength Change in Attenuation <math>< < < > 0.2\text{dB}</math>

- Strength of Coupling Mechanism 15.5lbf for 60 sec
- Cable pulling 2.2N Axial/2.2N 90deg
- Cable Torsion 2.2N 10 Cycles
- Cable flex 2.2N 100cycles
- Insertion Loss Max 0.75dB
- Return Loss Min 20dB

Interoperability

- Insertion loss Max0.75dB
- Return Loss Min 20dB
- Fiber Numerical Aperture 0.275 +/- 0.015

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