

Specifications — 4LC MM Cable

Performance/electrical — fiber

Wavelengths.....	Multimode: 62.5 μm/125 μm
Data rate	>4.25 Gbps @ 300 m length, 850 nm VCSEL >1.65 Gbps @ 500 m length, 850 nm VCSEL
Attenuation	At 850 nm: <3.5 dB per km At 1300 nm: <1.0 dB per km
Insertion loss	<1.05 dB per 300 m @ 850 nm <0.3 dB per 300 m @ 1300 nm

Connectors

Connector type	LC with UPC (ultra physical contact) polish
Connector dimensions.....	1.90" L x 0.18" W x 0.18" H (48.3 mm L x 4.5 mm W x 4.5 mm H)

General — physical characteristics

Material

Individual fibers

Conductor	Glass
Jacket	PVC
Strengthening material	Aramid yarn

Cable assembly

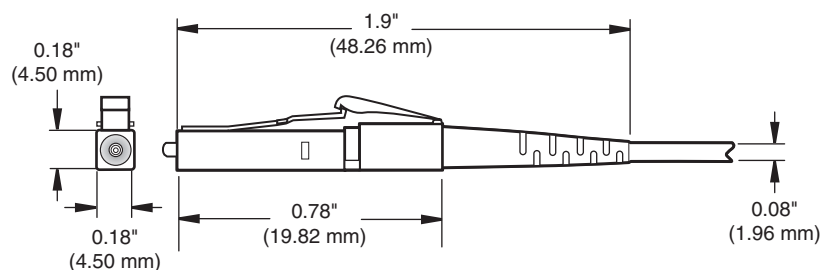
Number of fibers	4
Jacket	PVC
Strengthening material	Dielectric strength member

Dimensions

Individual fibers

Cable outer diameter	0.08" ±0.008" (2.0 mm ±0.2 mm)
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33' (10 m) to 984' (300 m) Lengths



Cable assembly

Cable outer diameter	0.29" (7.3 mm)
Bend radius	3.0" (76 mm)

Regulatory compliance

Safety.....	NEC CL2 LSZH OFNR (riser rated)
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Temperature rating	-40 to +75 °C
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NOTE Dimensions given above exclude the cable length.

NOTE Specifications are subject to change without notice.

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