



# Specifications

## 2LC SM P Cable

### Performance/electrical – fiber

Wavelengths .....	Singlemode: 8.3 $\mu$ m
Attenuation .....	At 1310 nm: <0.5 dB per km
	At 1550 nm: <0.5 dB per km
Insertion loss.....	<0.3 dB per 300 m @ 1550 nm

### Connectors

Connector type.....	LC with UPC (ultra physical contact) polish
Connector dimensions .....	1.91" L x 0.18" W x 0.18" H
	(48.5 mm L x 4.47 mm W x 4.47 mm H)

### General – physical characteristics

#### Material

##### Individual fibers

Fiber .....	Glass
Jacket .....	PVC
Strengthening material .....	Aramid yarn

##### Cable assembly

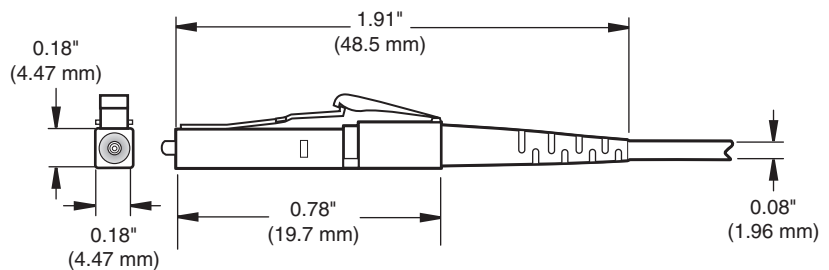
Number of fibers.....	2
Jacket .....	PVC

#### Dimensions

##### Individual fibers

Cable outer diameter .....	0.08" $\pm$ 0.008" (2.0 mm $\pm$ 0.2 mm)
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### 3.3' (1 m) to 197' (60 m) Lengths



#### Cable assembly

Cable outer diameter .....	0.08" x 0.16" (2.0 mm x 4.0 mm)
Installation bend radius .....	Installation: 2.0" (50 mm)
	Post-installation: 1.2" (30 mm)
Fiber bend radius.....	Post-installation: 0.3" (7.5 mm)

#### Regulatory compliance

Safety.....	ETL/c-ETL OFNP FT6 (plenum rated)
Temperature rating.....	0 to +70 °C
Warranty .....	Limited Lifetime Performance

## Specification • 2LC SM P Cable (Continued)

**NOTE:** Dimensions given above exclude the cable length.

**NOTE:** Specifications are subject to change without notice.

**NOTE:** Shipping weights and dimensions are available at [www.extron.com](http://www.extron.com).

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