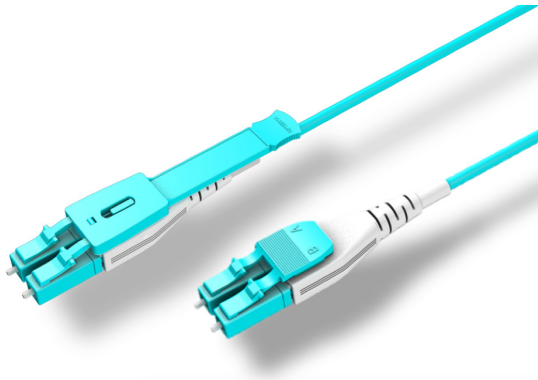


Fiber Optic, Patch Cord, Uni-boot LC, Polarity Switchable (Standard/Push-Pull)

Features and benefits



- Compact 2mm round cable
- Bend-insensitive/bend optimized fibers
- OS2, OM3 and OM4 performance types
- Color-coded shroud to denote performance
- Pulling tab for easy access to connectors in high-density environments
- Fast polarity reversal with unique rotating latch (push-pull or standard)
- Ultra-low loss
- Low-profile housing design

Opterna LC Uni-boot patch cords are designed to reduce the cable congestion at the front of high-density patch panels and switches and reduce the time it takes to make routine MAC's (Moves, Adds and Changes). With a diameter of only 2mm, the single cord construction reduces cable consumption by as much as 50% compared to conventional figure '8' duplex cables.

A convenient pulling tab (option) at the rear of the connector provides unparalleled access to connectors, and allows users to disconnect assemblies even in applications where LC ports are stacked adjacent to one another. Polarity reversal is fast and simple with the Opterna uni-boot assemblies, thanks to a removable tab which can be fitted to the opposite side of the connector when rotated 180°.

Technical data

Mechanical data	Value
Cable diameter	2.0mm round
Durability	Min. 500 cycles
Channel loss	Value
Fiber category	OS2 - 9/125 bend insensitive (A.1 or A.2) OM3/4 bend-optimized
Test Wavelength (nm)	850nm (Multimode), 1550nm (Singlemode)
Insertion Loss (IL) max	Singlemode OS2 $\leq 0.25\text{dB}$ Multimode OM3/OM4 $\leq 0.15\text{dB}$
Return Loss (RL) min.	Singlemode OS2 PC $\geq 55\text{dB}$ Singlemode OS2 APC $\geq 65\text{dB}$ Multimode OM3/OM4 $\geq 30\text{dB}$

Environmental data

Description	Value
Operating temperature	-10° to +70°
Free of halogen	Yes
2011/65/EC RoHS	Fully compliant

Ordering information

Example	PC	1K	E	1K	E	L	20	A	B	4	0	0	5	M
Character		1	2	3	4	5		6	7	8				

1. Connector type end A (eft side)

- 1K = LC uni-boot incl. push-pull tab (polarity switchable)
- 1L = LC/APC uniboot incl. push-pull tab (polarity switchable)
- 1N = LC uni-boot standard tab (polarity switchable)
- 1O = LC/APC standard tab (polarity switchable)

2. Performance grade side A

- A = Singlemode APC
- C = Singlemode UPC
- D = Multimode Standard
- E = Multimode Low Loss

3. Connector type end B (right side)

See option 1

4. Performance grade side B

See option 2

5. Cable type

- L = Low Smoke Zero Halogen (LSZH)
- P = Plenum rated

6. Polarity type

- AB = A-B/B-A (standard)
- AA = A-A/B-B

7. Fiber type

- Z = G657D (A.1) Plenum only
- 2 = Singlemode G652D (A.2)
- 3 = Multimode OM3
- 4 = Multimode OM4

8. Length in meters

- 005M = 0.5 meters
- 050M = 5 meters
- 500M = 50 meters