

Fiber Optic, Patch Cord, Duplex LC

Features and benefits

- Compact 2mm round fig.8 cable
- Bend-insensitive/bend optimized fibers
- OS2, OM3 and OM4 performance types
- Color-coded shroud to denote performance
- Optional pulling tab for easy access to connectors in high-density environments
- Ultra-low loss
- Low-profile housing design



Description

Opterna LC duplex patch cords are designed for making connections from fiber optic patch panels to nearby active equipment such as switches and servers. With a diameter of only 2mm, the duplex cord construction reduces cable consumption compared to larger 2.7mm figure '8' duplex cables.

Different LC connector types are available depending on the particular application and environment. A convenient pulling tab/pushing tab is available at the rear of the connector which provides unparalleled access to connectors, and allows users to disconnect assemblies even in applications where LC ports are stacked adjacent to one another.

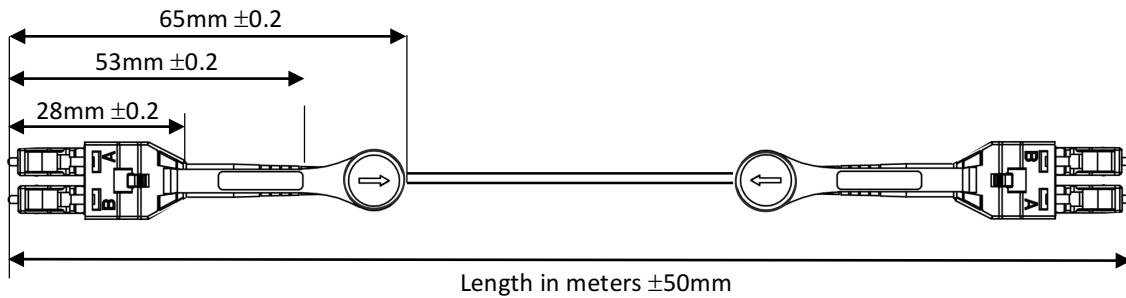
Polarity reversal is also possible with the Opterna duplex assemblies if required. Please enquire.

Technical data

Mechanical data	Value
Cable diameter	2.0mm figure 8 (zip cord)
Durability	Min. 500 cycles
Optical data	Value
Fiber category	OS2 - 9/125 bend insensitive OM3/4 bend-optimized
Singlemode OS2 IL max	≤0.25dB
Singlemode OS2 RL min.	≥ 55dB (≥ 65dB/APC)
Multimode OM3/OM4 IL max.	0.15dB
Multimode OM3/OM4 RL min.	≥ 30dB

Environmental data

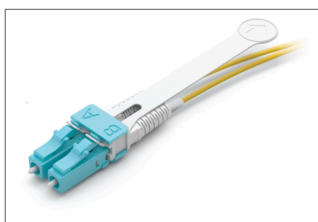
Description	Value
Operating temperature	-10° to +70°
Free of halogen	yes
2011/65/EC RoHS	Fully compliant

Technical Drawing

Ordering information

PC 1 2 3 4 5 2D 6 7 8 M

Example: PC17A17AL2DAB2003M (length 3m)

- | | |
|---|---|
| <p>1. Connector type end A
 16 = LC duplex
 17 = LC/APC duplex
 18 = LC duplex (integrated pull-tab)
 19 = LC/APC duplex (integrated pull-tab)
 1A = LC duplex (integrated push/pull-tab)
 1B = LC/APC duplex (integrated push/pull-tab)</p> | <p>4. Performance grade side B
 A = Singlemode APC
 C = Singlemode UPC
 D = Multimode standard
 E = Multimode low-loss</p> |
| <p>2. Performance grade side A
 A = Singlemode APC
 C = Singlemode UPC
 D = Multimode standard
 E = Multimode low-loss</p> | <p>5. Select cable type
 L = Low Smoke Zero Halogen
 P = Plenum rated</p> |
| <p>3. Connector type end B
 16 = LC duplex
 17 = LC/APC duplex
 18 = LC duplex (integrated pull-tab)
 19 = LC/APC duplex (integrated pull-tab)
 1A = LC duplex (integrated push/pull-tab)
 1B = LC/APC duplex (integrated push/pull-tab)</p> | <p>6. Select polarity type
 AB = A-B/B-A (standard)
 AA = A-A/B-B</p> |
| | <p>7. Select length in meters
 Z = OS2 G657 (A.1 Corning SMF-28)
 2 = OS2 G657 (A.2)
 3 = Multimode OM3
 4 = Multimode OM4</p> |
| | <p>8. Select length in meters
 005M = 0.5m
 050M = 5.0m
 500M = 50.0m</p> |



LC Duplex
 integrated pull-tab
 Polarity change NOT possible
 Pulling tab fixed (not retro-)



LC Duplex
 integrated push/pull-tab
 Polarity change NOT
 possible