FIBRE OPTIC PATCH CORDS

OM1 and OM2 legacy LC patch cords

LC cords in 62.5 and 50 micron multimode for replacing patch cords on installed legacy cabling, made to your drawing.

SPECIFICATIONS

Core and cladding	62.5 micron and 125 micron
Numerical aperture (typical)	About 0.275
Minimum modal bandwidth at 850 nm	200 MHz.km
Minimum modal bandwidth at 1300 nm	500 MHz.km
Maximum attenuation at 850 nm	3.5 dB/km
Maximum attenuation at 1300 nm	1.5 dB/km
Jacket colour by convention	Orange
Source it was designed for	LED and early lasers

HOW TO ORDER, SEND US

- Fibre: OM1 62.5/125 or OM2 50/125. Write it out in full, since the two share a jacket colour.
- Connector at each end: LC duplex, LC simplex, or LC at one end with SC, ST or FC at the other. See LC to SC patch cords and LC to ST patch cords .
- Polish: UPC is typical for multimode. APC is not normally used on multimode.
- Length and tolerance, and whether the length is measured between connector tips.
- Cable: 2 mm or 3 mm, round or zip-cord duplex, and the jacket (PVC or LSZH). See 2 mm vs 3 mm patch cord cable .
- Polarity for duplex: A to B crossover, with clip and label at each end.
- Insertion loss limit per mated pair, and the test method. Ask the quote what the supplier tests to. Radix tests each cord before dispatch.
- Labels at each end, with fibre type printed so the next technician cannot confuse OM1 with OM2.



Illustrative image. Your assembly is built to your drawing.

OPTIONS

Connectors (end A to end B)	For example LC to SC
Fibre type	For example OS2, OM3, OM4
Simplex or duplex	
Length	In metres

Price on request

Send your drawing or part list. An engineer reads every request and replies with questions or a quote.

Request a quote

Scan, or open radixfibrotech.com/fibre-optic-patch-cords/lc-to-lc-om1-om2-legacy/

Specifications are as published for this product. The final specification, lengths and lead time are confirmed in your quotation.