



## 2m LC-LC OS1 / OS2 Singlemode Fibre Optic Cable: Black

### Product Images

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### Description

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Fibre patch cables are the thin, flexible fibres of glass that carry data, telephone conversations and emails high speed all over the world in a matter of seconds with much less interference than copper patch lead. Fibre Optic cables need less amplification to boost signals so they travel better over longer distances.

4Cabling's OS1 / OS2 singlemode fibre optic patch leads provide the connection from Ethernet 10Mbit/s to 10Gbit/s Gigabit

Ethernet, they are the cost-effective way to replace your copper-based patch leads. 4Cabling fibre optic cable is immune to EMI/RFI frequency, mainly used on patch panels for the connection between outlets and terminal equipment. The singlemode optical fibre cables are manufactured using LSZH cables which conform to IEC, EIA TIA and Telcordia standards.

4Cabling Singlemode Fibre Optics leads is the cost-effective way of your cabling solution.

## Application:

- Cross-connect patching
- Backbone application in building
- Termination enclosure for equipment patching
- Equipment to equipment patching
- Conforms to ISO/ IEC 11801
- Individually labelled for lead tracing
- Low smoke zero halogen (LSZH) cable
- Manufactured with stringent quality control
- UPC (Ultra Physical Contact) connector
- All leads are supplied with a factory test report
- OS2 fibre patch leads conform to ITU-T G.652.D, TIA/EIA 492CAAB
- Duplex configurable assemblies for LC, SC, ST & SC/A, as well as MTRJ Patch leads
- All ends are polished and individually inspected for correct polishing
- Supports high-speed multi-channel data, voice & video applications

## Fibre specification:

- **Mode:** OS1 / OS2 Singlemode
- **Fibre Terminations:** LC-LC
- **Length:** 2m
- **Colour:** Black
- **Oversleeving:** 2mm

|                   | Core/Cladding Diameter (µm) | Fast Ethernet 100BASEFX | 1 Gigabit 1000BASE-SX | 1 Gigabit 1000BASE-LX | 10 Gigabit 10GBASE | 40 Gigabit 40GBASE | 100 Gigabit 100GBASE |
|-------------------|-----------------------------|-------------------------|-----------------------|-----------------------|--------------------|--------------------|----------------------|
| <b>Multimode</b>  |                             |                         |                       |                       |                    |                    |                      |
| OM1               | 62.5/125                    | 2000 Meters             | 275 Meters            | 550 Meters            | 33 Meters          | N/A                |                      |
| OM2               | 50/125                      |                         | 550 Meters            |                       | 82 Meters          |                    |                      |
| OM3*              |                             | 300 Meters              | 100 Meters            | 100 Meters            |                    |                    |                      |
| OM4*              |                             | 400 Meters              | 150 Meters            | 150 Meters            |                    |                    |                      |
| <b>Singlemode</b> |                             |                         |                       |                       |                    |                    |                      |
| OS1               | 9/125                       | 2000 Meters             | 5 km at 1310nm        | 5 km at 1310nm        | 10 km at 1310nm    |                    |                      |

\* Laser Optimised

### WARRANTY

3 year limited warranty.

### WHY 4CABLING?

- Australia's leading importer & wholesaler of 19" server racks, copper, fibre & structured networking products
- ISO 9001, NSW Govt. & GITC (QLD Govt.) approved supplier
- Secure online shopping 24/7
- A loyal customer base of 100k+ who trust us for their data & electrical needs
- Over 3000 quality products in stock ready to go
- All products are approved as per local Australian standards
- Warranty & peace of mind return policy
- Lightning fast delivery nationwide
- Expert advice
- Proudly 100% Australian owned & operated

