



## 1m LC - LC/APC OS1 / OS2 Singlemode Fibre Optic Duplex Cable

### Product Images

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### Description

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# Cable

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

4Cabling's LC/APC - LC/APC OS1 / OS2 Singlemode Fibre Optic Patch Leads provide connection for high speed and legacy networks like Gigabit Ethernet, Fast Ethernet and Ethernet and are immune to EMI/RFI. They are mainly used on patch panels for the connection between outlets and terminal equipment. The multimode optical fibre cables are manufactured using LSZH cables which conform to IEC, EIA TIA and Telecordia standards.

The big difference between APC and UPC connectors is the fibre connector endface. APC connectors feature a fibre connector endface that is polished at an 8-degree angle, while UPC connectors are polished with no angle.

## Applications include:

- Termination enclosure to equipment patching
- Equipment to equipment patching
- Cross-connect patching

## FEATURES

- OM1 fibre patch leads conform to TIA/EIA-568, 492AAAA
- OS2 fibre patch leads conform to ITU-T G.652.D, TIA/EIA 492CAAB
- Individually labelled for lead tracing
- Low smoke zero halogen (LSZH) cable
- Manufactured with stringent quality control
- All leads are supplied with a factory test report
- Duplex configurable assemblies for LC, SC, ST 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
- Duplex - yellow jacket zip cord multi-mode 9µ / 125µ
- UL approved fibre optic cables
- Conforms to ISO/ IEC 11801

## FIBRE SPECIFICATIONS

- **Mode:** OS1 / OS2 Singlemode
- **Fibre Terminations:** LC - LC/APC
- **Length:** 1m
- **Colour:** Yellow
- **Oversleeving:** 3mm

	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		275 Meters		33 Meters	N/A	
OM2		2000 Meters		550 Meters	82 Meters		
OM3*	50/125		550 Meters		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?

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