4CABLING®
QUALITY PRODUCTS FOR A CONNECTED WORLD

PRODUCT SPECIFICATIONS

OS1 SINGLEMODE FIBRE OPTIC PATCH LEADS

SINGLEMODE
OS1
9/125µm

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 amplificaton to boost signals so they travel better over longer distances.

4Cabling's OS1 Singlemode Fibre Optc 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 connecton between outlets and terminal equipment. The singlemode optical fibre cables are manufactured using LSZH cables which conform to IEC, EIA TIA and Telecordia standards.

Features

- Conforms to ISO/IEC 11801
- Individually labelled for lead tracing
- Low smoke zero halogen (LSZH) cable
- Simplex and Duplex configurable assemblies for LC, SC Patch leads
- All connectors are available on request
- All ends are polished and individually inspected for correct polishing
- Supports high speed mul -channel data, voice & video applica ons
- Available in standard yellow colour
- UPC (Ultra Physical Contact) connector

	Core/Cladding Diameter (µm)	Fast Ethernet 100BASEFX	1 Gigabit 1000BASE-SX	1 Gigabit 1000BASE-LX	10 Gigabit 10GBASE	40 Gigabit 40GBASE	100 Gigabit 100GBASE
Multimode							
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
Singlemode							
OS1	9/125	2000 Meters	5 km at 1310nm	5 km at 1310nm	10 km at 1310nm		
OS2	9/125	2000 Meters	5 km at 1310nm	5 km at 1310nm	10 km at 1310nm		

* Laser Optimised

NSW GOVERNMENT
Queensland Government
GITC APPROVED
Certified System Quality ISO 9001
CCIQ Powering business potential
Bicsi SOUTH PACIFIC
CONNECT & COLLECT

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