



LC-LC OS2 xxM



LC-SC OS2 xxM



SC-SC OS2 xxM

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Singlemode patch cords are used to connect high speed and legacy networks like 10/40/100 gigabit ethernet, fast Ethernet and ethernet. Singlemode patch cords are manufactured for internal use using PVC cable and conform to EIA TIA or IEC standards. The OS2 enhanced patch cords are terminated with optimized connectors which gives optimum optical performance.

SPECIFICATIONS

Connector Specification

OPTICAL PERFORMANCE	MULTIMODE	CONFORMANCE
ILMax/Master (Acceptance)	0.25dB	IEC61300-3-4
Ave/Master	0.15dB	IEC61300-3-4
Ave/Random	0.20dB	IEC61300-3-34

Note: Return Loss \geq 28dB based on sample data using method IEC61300-3-6

Cable Specification

CHARACTERISTICS	
Cable Material	PVC or LSZH
Strength Member	Aramid
Crush(N)	1000
Operating Temperature(°C)	-20 to 60
Fire Specification	IEC 60332-1

Fiber Specification

CHARACTERISTICS	
Attenuation (dB/km)	2.8 @ 850 nm / 0.8 @ 1310 nm
Bandwidth OFL (MHzxkm)	3500 @ 850 nm / 500 @ 1310 nm
Bandwidth LEMB (MHzXkm)	4700 @ 850nm

FEATURES/BENEFITS

- LC and SC connectors
- Duplex Φ 2.0 or 3.0mm PVC or LSZH
- 900 μ m / 600 μ m tight buffer
- OS2 fiber conforms to ITU-TG.652D, TIA/EIA492AAAD, IEC60793-2-10 A1a.3a
- SC and LC duplex assemblies available with clips
- Higher optical performance available on request
- REACH, RoHS & SvHC materials compliant

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