



## LC and SC Fibre Patch Leads

### Multimode and Single mode

#### Application/Product Description

HellermannTyton LC and SC patch leads are designed and tested to support 10Base-T (Ethernet), 100Base-T(Fast Ethernet), 1000Base-T(Gigabit Ethernet) networks. Single mode patch leads are designed and tested to support telecom, datacom networks and for use in high speed metropolitan and access networks.

All patch leads are supplied as a crossover configuration as standard, straight through patch leads are available on request.



Fibre Patch Leads LC to LC Multimode

#### Cable Standards

##### Cable

- IEC 60793-2-10:2011 (OM3 and OM4)
- IEC 60793-2-50:2012 (OS2)
- IEC 61754

##### Cable Sheath

- IEC 60332-1



Fibre Patch Leads SC to SC Single Mode



Fibre Patch Leads LC to LC Single Mode



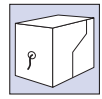
Fibre Patch Leads SC to SC Multimode

#### Connector Specification

Fibre Type	OM4		OM3		OS2	
Connector Type	LC	SC	LC	SC	LC	SC
Connector Colour	Beige		Beige		Blue	
Boot Colour	Off White	Beige	Off White	Black	Off White	Blue
Insertion Loss (dB)	≤0.4	≤0.4	≤0.4	≤0.4	≤0.3	≤0.3
Return Loss (dB)	≥25	≥25	≥25	≥25	≥50	≥50
Test Wavelength (nm)	850	850	850	850	1310	1310
Operating Temperature (°C)	-20 to +60					

#### Cable Specification

Fibre Type	OM4		OM3		OS2	
Cable Colour	Aquamarine				Yellow	
Cable Type	50/125				9/125	
Cable Diameter (mm)	3.0					
Standard Cable Lengths (m)	1	2	3	5	10	
Cable Length Tolerance (mm)	+50/-0	+150/-0	+300/-0			
Configuration	Cross Over					



## Fibre Specification

Fibre Type	OM4	OM3	OS2
Attenuation (dB/km)	<0.4		<2.3
Bandwidth OFL (MHz x km)	>3500MHz.km	>1500MHz.km	N/A
Bandwidth EMBc (MHz x km)	>4700MHz.km	>2000MHz.km	N/A