

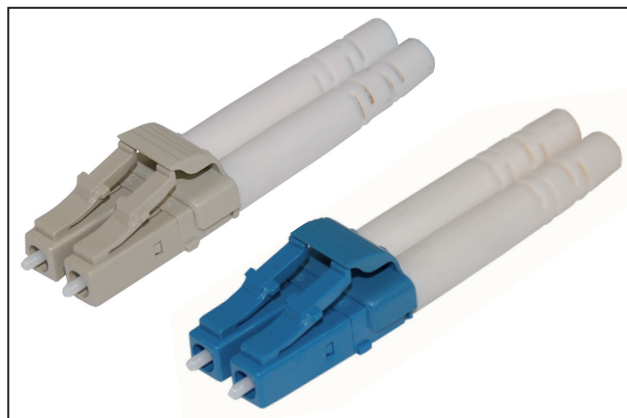


LC and SC Fibre Connectors

Multimode and Single Mode

Application/Product Description

HellermannTyton fibre connectors are designed and tested to support 10Base-T (Ethernet), 100Base-T(Fast Ethernet), 1000Base-T(Gigabit Ethernet) networks, telecom, datacom networks and for use in high speed metropolitan and access networks.

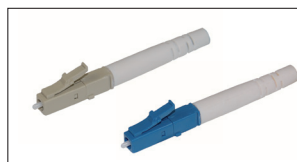


LC Duplex Multimode and Single Mode Connectors

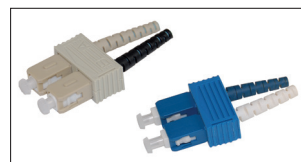
Connector Standards

Connector

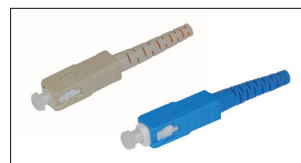
- IEC 61753-1
- IEC 61754
- BS EN 60874-1
- GR-326 Core Issue 4
- ROHS Compliant



LC Simplex Multimode and Single Mode Connectors



SC Duplex Multimode and Single Mode Connectors



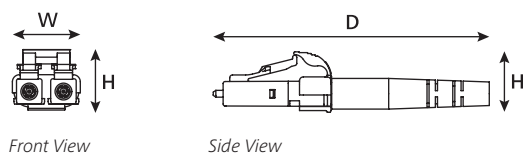
SC Simplex Multimode and Single Mode Connectors

Connector Specification

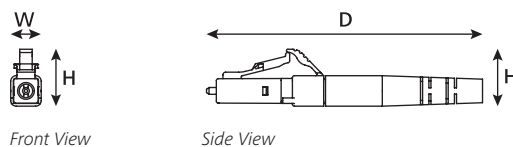
Connector Type	LC (UPC) Connectors				SC (UPC) Connectors			
	Multimode		Single mode		Multimode		Single mode	
Insertion Loss (dB)	Average IL	Maximum IL	Average IL	Maximum IL	Average IL	Maximum IL	Average IL	Maximum IL
Against Master Jumper	0.15	0.3	0.12	0.3	0.15	0.3	0.12	0.3
Random Mating	-	-	0.25	0.5	-	-	0.25	0.5
IEC Random Mating Grade	C							
Ferrule Inner Diameter (µm)	127				125.5			
Ferrule Outer Diameter (mm)	1.249				1.249			
Operating Temperature (°C)	-40 to +75							
Mating Durability	<0.1dB typical change, 500 matings							
Connector Colour	Beige		Blue		Beige		Blue	

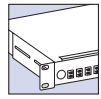
Technical Diagrams

LC Duplex Connector



LC Simplex Connector

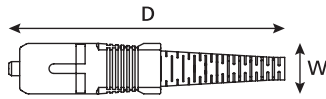




SC Simplex Connector

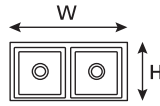


Front View

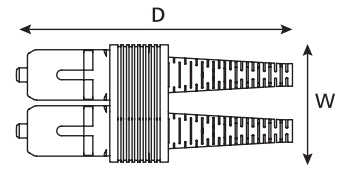


Side View

SC Duplex Connector



Front View



Side View