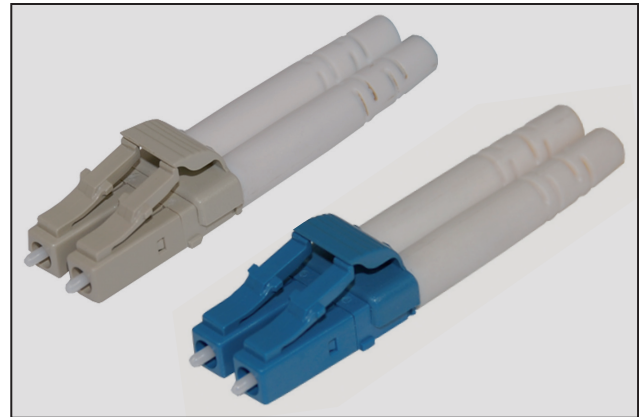


## LC and SC Fibre Connectors

### 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.

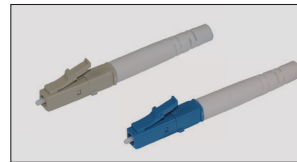


LC Duplex Multimode and Single Mode Connectors

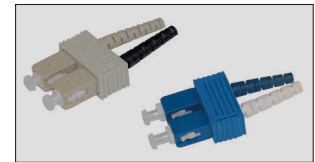
#### Connector Standards

##### Connector

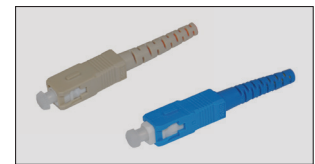
- IEC 61753-1
- IEC 61754
- BS EN 60874-1
- GR-326 Core Issue 4
- ROHS Compliant



LC Simplex Multimode and Single Mode Connectors



SC Duplex Multimode and Single Mode Connectors



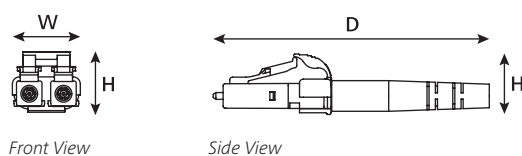
SC Simplex Multimode and Single Mode Connectors

#### Connector Specification

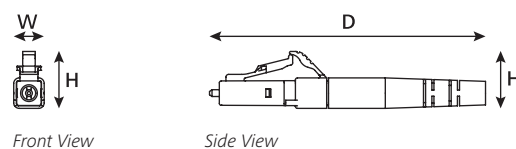
Connector Type	LC (UPC) Connectors				SC (UPC) Connectors			
	Multimode		Single mode		Multimode		Single mode	
<b>Insertion Loss (dB)</b>	Average IL	Maximum IL	Average IL	Maximum IL	Average IL	Maximum IL	Average IL	Maximum IL
<b>Against Master Jumper</b>	0.15	0.3	0.12	0.3	0.15	0.3	0.12	0.3
<b>Random Mating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

#### Technical Diagrams

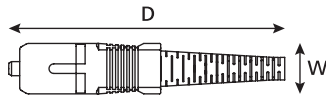
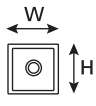
##### LC Duplex Connector



##### LC Simplex Connector



SC Simplex Connector



SC Duplex Connector

