

## FIBRE OPTIC CONNECTORS & ADAPTERS

# LC Connector/Adapter

The OPTiFab LC (*Lucent Connector*) is a small form-factor connector, characterised by its small size, 1.25mm ferrule and insertion clip. Its 1.25mm ferrule is half the size of the ST connector and is often used in singlemode applications due to its fantastic performance.

### Connector Features:

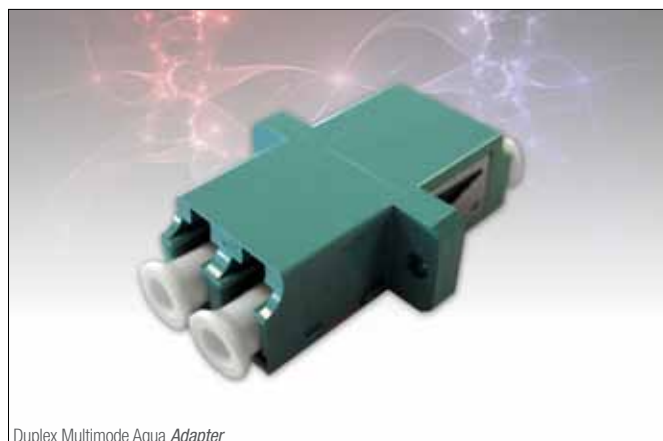
- PC, UPC and APC polishing options
- Simplex and Duplex configuration
- Easy and safe insertion and removal
- Robust construction
- Excellent choice for singlemode applications
- Colours available: beige, blue and green
- 900µm, 2mm and 3mm diameter boot



Duplex Multimode Connector



Simplex Singlemode and APC



Duplex Multimode Aqua Adapter

Connector Specifications	
Temp. Cycling	-40 to +75°C, 40 cycles; =0.2dB Change
High Temp.	70°C for 96 hours; < 0.4dB Change
Damp Heat	40°C at 93% RH, 96 hours; < 0.4dB Change
Vibration	10-55 Hz, 1.5mm P to P; < 0.2dB Change
Mating Durability	500 mating cycles; < 0.2dB Change
Operating Temp.	-40°C to +85°C

Connector Performance - Singlemode	
Insertion Loss	Max. 0.3dB; Typical 0.2dB
Return Loss	UPC > 50dB Typical 55dB APC > 60dB Typical 65dB

Connector Performance - Multimode	
Insertion Loss	Max. 0.5dB; Typical 0.3dB

