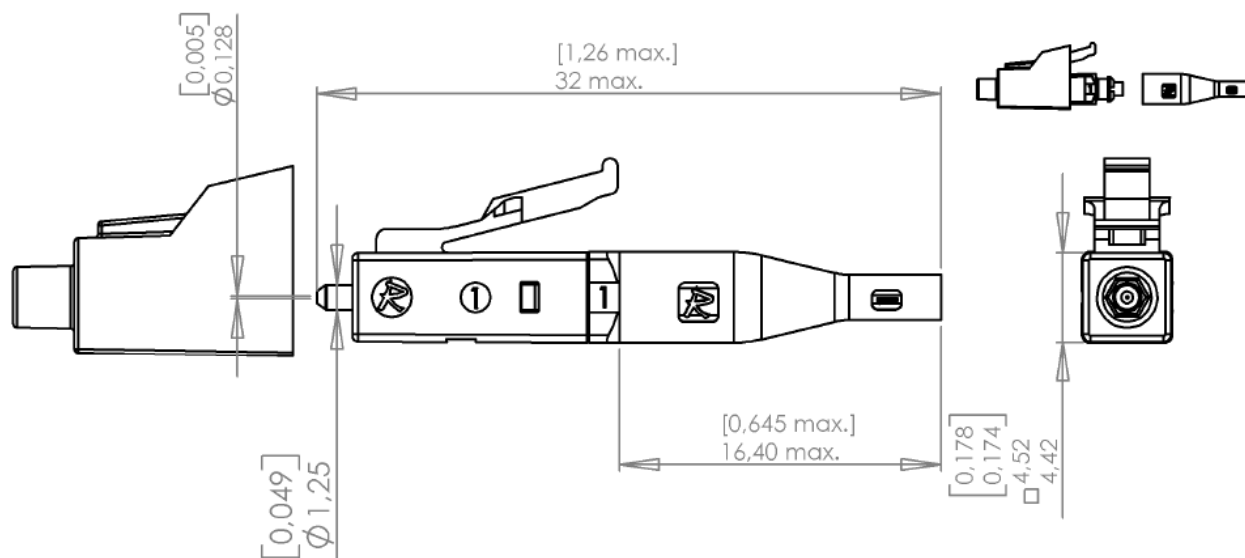


PAGE 1/1	ISSUE <b>22-05-13</b>	SERIES <b>LC</b>	PART NUMBER <b>F727103110</b>
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Dimensions: mm [inches]

## GENERAL

**Type:** IEC 61754-20 (LC)  
Multimode Zirconia ferrule  
RJ-45 latching connector system

**Ferrule inner diameter:** Ø128µm

**Fiber size:** Ø50/125 & 62.5/125µm Multimode

**Cable size & type:** Ø900µm Simplex

**Termination:** Refer to 503.08.500 assembly instruction manual

**Color :** Outer plug body : BEIGE  
Boot : AQUA

## CHARACTERISTICS (Dependent on cable or fiber construction)

**Optical:** Attenuation at 850nm and 1300nm  
Insertion loss (IEC 61300-3-4 method B) : ≤0.10dB Mean  
≤0.05dB Stand.dev  
Attenuation of random mated connectors  
(IEC 61300-3-34): ≤0.10dB Mean  
≤0.07dB Stand.dev

Return loss (IEC 61300-3-6) : >20dB

### Mechanical:

Vibration tests: 10 to 55 Hz, 1.5mm (peak to peak), 2Hr/axis  
Impact test: 1.5m drop, 8 cycles  
Endurance : 200 matings  
Cable retention : 7 N

### Environmental:

Storage temperature range: -40°C / +85°C  
Operating temperature range: -40°C / +70°C  
Thermal cycle test: -40°C / +75°C, 21 Cycles, 168Hr  
Humidity/Condensation cycling test: 95%RH, -10°C / +65°C, 14 cycles, 168Hr

(Performance and specification: see document **GEN\_F727 001**)