

## Ridgmount – LC Uniboot Connector



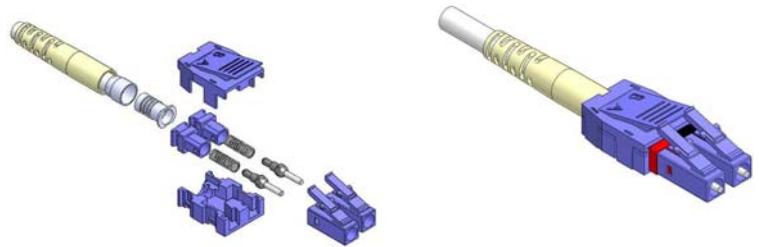
A secure link starts with the selection and specification of a reliable, high performance connector. Ridgmount Technologies has over 20 years of experience designing and manufacturing fibre optic connectors for a variety of applications.

The Ridgmount LC Uniboot connector is a duplex LC designed for use with 2 fibre single ruggedized cables.

The connector has the same optical performance of a standard LC but has the advantage of minimising the volume of cable to manage.

The LC Uniboot is ideal for patchcords when combined with Ridgmount 2F Simplex 2.4mm Cable. This is currently available in Yellow Singlemode [G652d SMF28e] or Aqua Multimode [OM3] fibres.

The Ridgmount LC Uniboot P&P is unique in that it can be assembled around the cable or tube after termination making it ideal for plug & play applications.



**120 98007 1020** – RMT LC Uniboot Smode 125PC Blue [Pack 100]

**120 98007 1020** – RMT LC Uniboot Smode 127PC Beige [Pack 100]

### Applications

Ridgmount Technologies Ltd LC Uniboot connectors are ideal for equipment and network infrastructures on the following network types.

Please contact Ridgmount for advice and support when specifying suitable components.

- Industrial Transport Control
- Security & Surveillance Systems
- CATV & Broadcast Systems
- Base Station Interconnection
- **Storage and Data Centres**
- LAN Ethernet Networks
- Telecommunication Systems
- **FTTH Distribution**

LC Duplex Uniboot	Specification
Standards	TIA/EIA 604-10A & IEC 61754-20
Mechanical Latching	Latching [Pull-Proof]
Applications	Telecom – Equipment - SAN
Ferrule	Zirconia 1.25mm PC [Brass Holder]
Ferrule Size	Mmode: ID 127µm Smode: ID 125.5µm
Connector Body	UL94 V-0 Materials
Connector Crimp	Ni Plate Brass
Spring	Stainless Steel
Connector Boot	TPE Resin UL94 V-0 White
Cable Sizes	2.0mm to 3.0mm
Length [incl. boot]	56mm
Typical Insertion Loss	≤0.2dB [Low Loss ≤0.1dB]
Typical Return Loss	PC≥23dB UPC≥55dB
Repeatability	≤0.2dB
Operating Temperature	-40°C to +80°C
Durability [mating]	>500 [<0.2dB change]
Cable Retention	70N [dependent on cable type]

\*Every effort has been made with material suppliers, sub-contractors and manufacturers to ensure that this product is RoHS compliant.

### Technical Data Sheet

**Part No.** 120 series      **DRAWN:** CRP      **ISSUE:** A      **CHECKED:** ML      **DATE:** 01/04/09

**Description:** LC Uniboot Connector

Dimensions in millimetres unless otherwise stated.  
Do not scale.

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optimising optical fibre performance