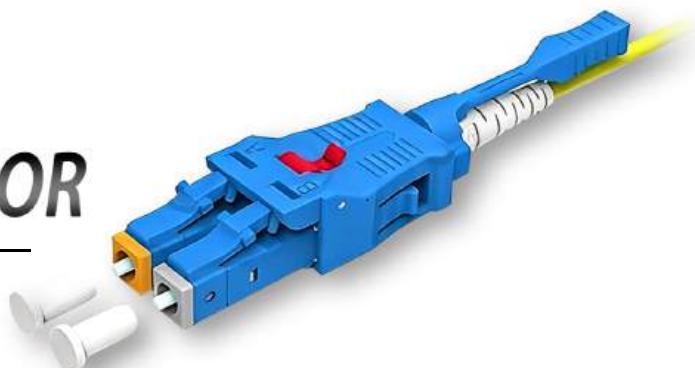


LC/UNIBOOT STANDARD CONNECTOR

UPC/APC



The SUNCONEC LC Uniboot connector delivers a compact and adaptable fiber optic solution for modern high-density networks. Its integrated single-boot design combines two fibers within one streamlined interface, reducing cable bulk and improving airflow in congested panels.

Polarity reversal can be completed quickly without tools, allowing for flexible deployment and easier reconfiguration in the field. By consolidating cabling, this connector enables cleaner routing and higher port utilization, making it an efficient choice for data centers and telecom environments where space optimization and ease of maintenance are key priorities.

Features

- Polarity change without tools.
- Space optimization for high density applications.
- Precision 1.25 mm ferrules for superior performance.
- Compact design for high density applications.
- Fully compatible with IEC 61754-20.
- User-friendly design for straightforward installation and maintenance.

Applications

- High density applications
- Telecommunications
- Data centers
- Local area networks (LANs)
- Fiber to the Home (FTTH)
- Fiber to the Antenna (FTTA)
- Enterprise networks

Key benefits

- ✓ Simplifies installation and maintenance with easy polarity change
- ✓ Reduces clutter and optimizes space in high-density environments
- ✓ Reliable performance across a wide range of temperatures

Optical Data

	Singlemode		Multimode
	UPC	APC	MM
	Standard		
Typical Insertion Loss (dB)*	0.2	0.15	0.15
Max. Insertion Loss (dB)*	0.3	0.3	0.3
Typical Return Loss (dB)*	≥55	≥65	≥25
Ferrule Diameter (μm)	125.5		127

* Based on master grade jumper to low loss random mating test

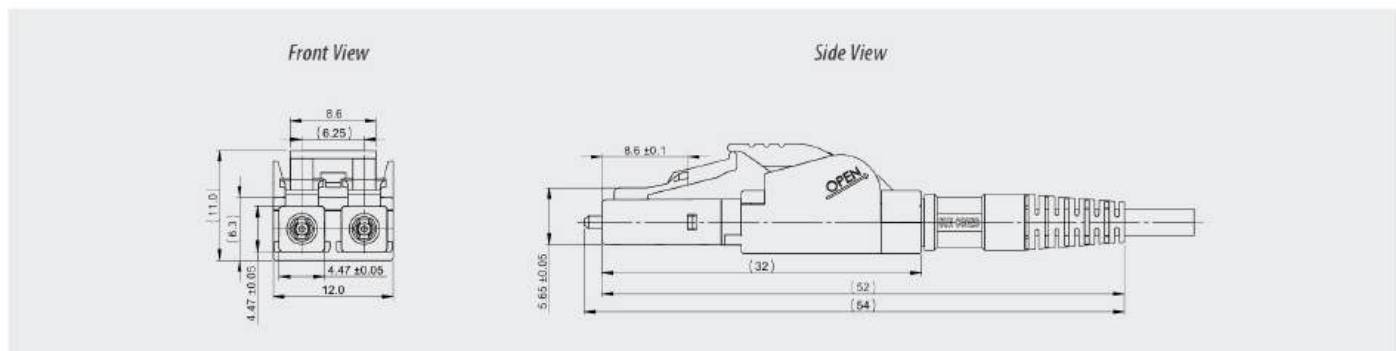
Mechanical Data

	Value
Durability	<0.2dB typical change, 500 matings
Fiber Count	Simplex / Duplex (1 or 2 fibers)
Cable Suitability	1.2 mm to 6 mm
Ferrule Material	Zirconia

Environmental Data

	Value
Operating Temperature	-25°C to +75°C
RoHS Compliance	Yes
REACH Compliance	Yes
Humidity Resistance	95%

Connector Drawing



Note: 1. All dimensions are in mm.
 2. 2 mm Mini Boot shown, other boot options are available upon request.
 3. Specifications subject to change without notice.