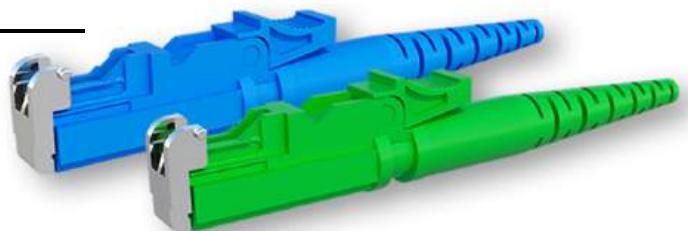


LSH STANDARD CONNECTOR

**0.9mm, 2.0mm,
and 3.0mm Cables**



The SUNCONEC E-2000 Connector delivers high-performance optical connectivity through a robust, user-focused design. It features an integrated spring-loaded protective shutter that automatically shields the ferrule end-face from contaminants and prevents exposure to laser light. With color-coded housings and a secure push-pull locking system, installation and maintenance are both intuitive and reliable.

Compliant with IEC 61754-14 and EN 186270 standards, the connector is offered in single-mode and multi-mode variants, supporting typical insertion loss under 0.25 dB and return loss exceeding 50 dB (UPC) or 60 dB (APC). Designed for demanding environments, it operates across a temperature range of -25°C to +75°C and withstands over 1000 mating cycles, ensuring long-term performance in telecom and data network applications.

Features

- Spring loaded shutter mechanism
- Color-coded for easy identification
- Push pull locking mechanism
- High durability 1000 matings
- Compliant to IEC 61754-14 and EN 186270
- Zirconia precision ferrules

Applications

- Data center
- Medical
- Wireless
- FTTH
- Telecommunication

Key benefits

- ✓ Precision and stability
- ✓ High durability
- ✓ Eye safe operation
- ✓ Ease of use push pull mechanism

Optical Data

	Singlemode		Multimode
	UPC	APC	MM
	Standard		
Typical Insertion Loss (dB)	0.2	0.2	0.15
Max. Insertion Loss (dB)	0.4	0.4	0.3
Typical Return Loss (dB)	≥55	≥60	≥25
Ferrule Diameter (μm)	125		127

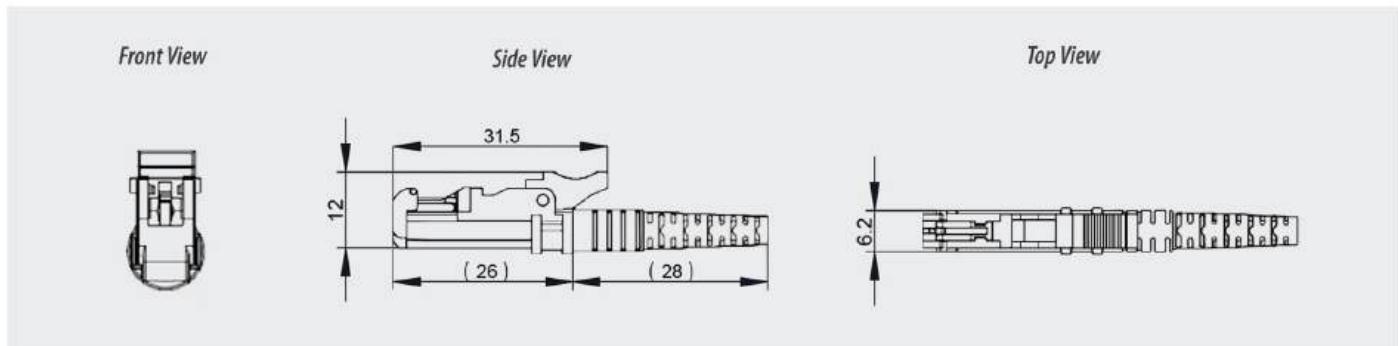
Mechanical Data

	Value
Durability	1000 matings
Fiber Count	Simplex (1 fiber)
Cable Suitability	900μm to 3mm
Ferrule Material	Zirconia

Environmental Data

	Value
Operating Temperature	-25°C to +75°C
RoHS Compliance	Yes
REACH Compliance	Yes

Connector Drawing



Note: 1. All dimensions are in mm.

2. Specifications subject to change without notice.