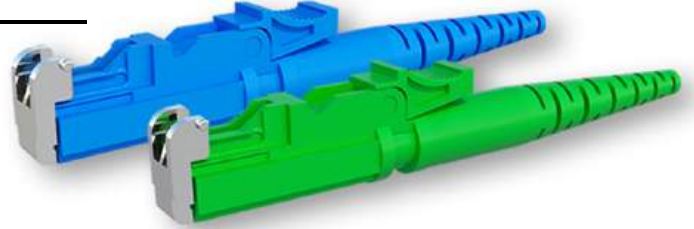


# LSH STANDARD CONNECTOR

***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

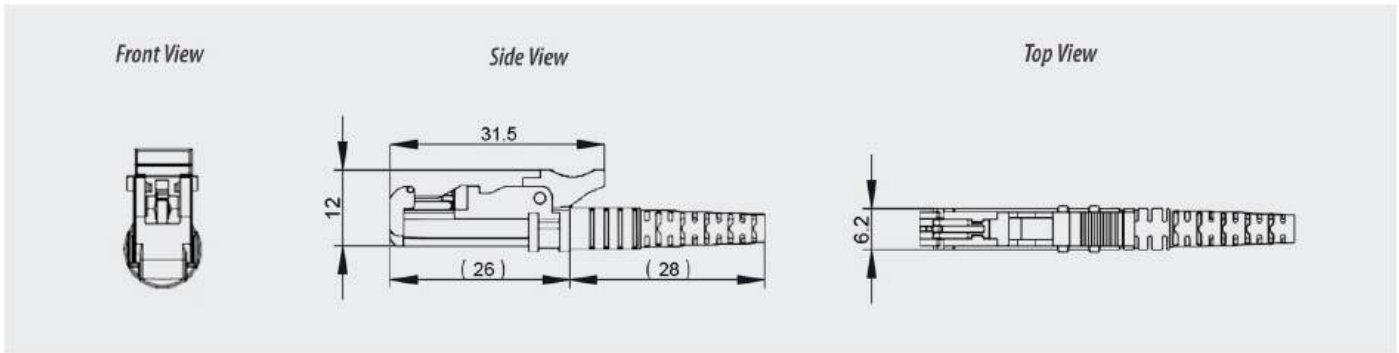
# Mechanical Data

	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.