

ST STANDARD CONNECTOR

UPC/APC



The SUNCONEC ST Classic Connector provides a robust and field-proven solution for traditional fiber optic networks. Its durable metal body and secure bayonet-lock design ensure a stable and vibration-resistant connection, making it suitable for legacy LAN, campus, and industrial environments where long-term reliability is essential.

Available in single-mode and multimode versions, the connector delivers consistent optical performance with a precision ceramic ferrule designed to minimize insertion loss. Built to withstand repeated mating cycles and demanding operating conditions, the ST Classic Connector continues to serve as a trusted component for network maintenance, upgrades, and extensions within established fiber infrastructures.

Features

- Legacy metal bayonet body
- Single-mode and multimode options
- Durable and reliable
- Suitable for legacy applications
- Precision 2.5 mm ferrule

Applications

- Telecommunications
- Data centers
- Test and measurement equipment
- Industrial applications
- Medical equipment
- Military and aerospace
- Broadcast
- Medical equipment

Key benefits

- ✓ Legacy systems compatibility
- ✓ Simple termination and installation
- ✓ Secure connection
- ✓ Cost effective
- ✓ Environmental resistance

Optical Data

	Singlemode		Multimode
	UPC	UPC	MM
	Low Loss	Premium	Premium
Typical Insertion Loss (dB)	0.05	0.1	0.15
Max.Insertion Loss (dB)	0.15	0.2	0.2
Typical Return Loss (dB)	≥ 55		≥ 25
Ferrule Diameter (μm)	125		127

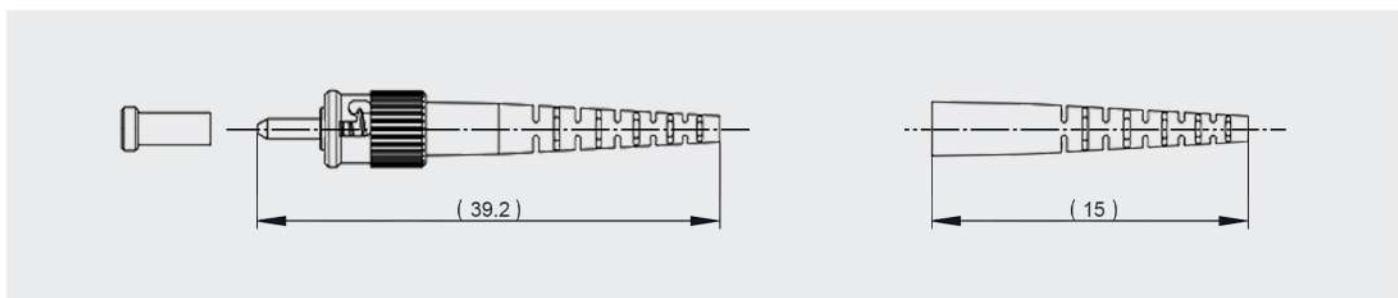
Mechanical Data

	Value
Durability	<0.1 dB typical change, 500 matings
Fiber Count	Simplex (1 fiber)
Cable Suitability	900 μm to 3mm
Ferrule Material	Zirconia

Environmental Data

	Value
Operating Temperature	-40°C to +75°C
RoHS Compliance	Yes
REACH Compliance	Yes

Connector Drawing



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