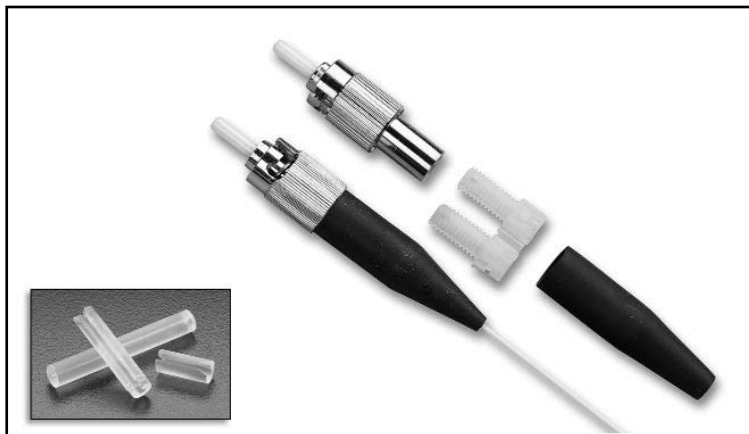


## Thread-Lock™ ST® Fiber Optic Connector

See ELECTRONIC FILES for CAD files (.DXF, .DWG, MS-DOS.EPS) on disk



For ELECTRONIC Typical Specs see (.TXT) file on disk.

### APPLICATION

Field termination of singlemode and multimode fiber optic cable.

### STANDARDS COMPLIANCE

Meets or exceeds all applicable standards. Complies with TIA/EIA-568-B; and meets FCC Part 68. Meets industry standards for performance and strength.

### PHYSICAL SPECIFICATIONS

Fiber Size:	Singlemode: 9/125 micron. Multimode: 50/125 micron or 62.5/125 micron
Climatic Category:	-40/+80 centigrade
Materials:	Body - Nickel plated brass. Ferrule - Pre-radiused zirconia ceramic
Loss Specification:	.2 dB typical
Mounting:	Bayonet w/ Coupling Nut

### DESIGN CONSIDERATIONS

- Reusable compression type retention-no epoxy or UV curing
- Multiple mating / fully intermateable
- Applicable to 3 mm, 900 micron, & 250 micron cable
- Insertion loss typical at .20 dB per mated pair.

### INSTALLATION NOTES

- Installation instructions and tightening tool are included in each box of 50 connectors.
- No special tooling required.
- A Fiber Optic tool kit is available (see ordering info).

### TYPICAL SPECIFICATION

Fiber optic connectors shall be "ST®" type with a metal body, coupling nut and ceramic ferrule. The connectors shall be field installable and require no epoxy, heat cure devices or special crimp tools to facilitate the termination of the fiber. The connector shall be of a design that allows removal and retermination, using the same connector to reduce material waste. The connector meets all applicable TIA/EIA standards for fiber optic connector reliability and intermateability. The manufacturer shall provide a one-year limited product warranty and 15 year product performance guarantee. The manufacturer shall provide a lifetime warranty against defects in material and workmanship, and an application guarantee when installed as part of a certified system.

### UNIQUE FEATURES

- Connector may be removed and reused.
- No epoxy or special crimp tools required.
- No heat cure devices are required.
- Connector is appropriate for permanent or temporary applications.
- Termination time—2 minutes.

### WARRANTY INFORMATION

- One-year limited product warranty and 15-year performance guarantee are standard.
- Product and performance warranties are extended to a Lifetime as part of Leviton's Certified Cabling System.



For Applications Engineering Support – Call 1-425-485-4288; in USA call 1-800-722-2082  
Spec sheets and updates are also available at [www.levitonvoicedata.com](http://www.levitonvoicedata.com).

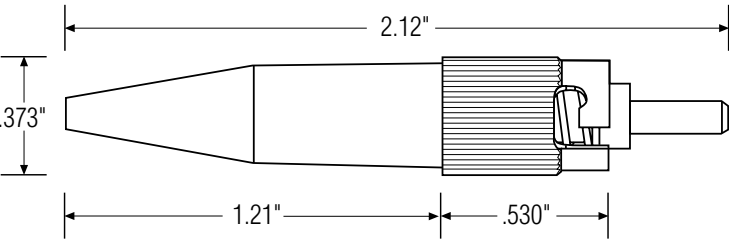


# Thread -Lock™ ST Fiber Optic Connector

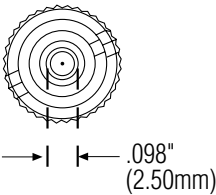
Part Number
49882-SST
49882-STT
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## DIMENSIONAL LINE ART

See ELECTRONIC FILES for CAD images  
(.DXF, .DWG, MS-DOS.EPS)



Side View



Front View

## PART NUMBERS

ST® Fiber Optic Connectors	Part No.
ST® Singlemode Thread-Lock connector	49882-SST
ST® Multimode Thread-Lock connector	49882-MST
Combined ST®/SC Tightening Tool	49886-CTT

## PART NUMBERS

Fiber Optic Tool Kits	Part No.
Universal Fiber Optic Tool Kit	49882-UTK
Universal Fiber Optic Tool Kit Plus (w/Versa-Cleave™)	49882-UTP
Universal Fiber Optic Consumables Kit	49800-CON



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