# FastCAM™ Pre-Polished Connectors

## APPLICATION

Leviton's new FastCAM Connectors are pre-polished, field-installable connectors that eliminate the need for hand polishing in the field. FastCAM connectors are available in SC or ST, 250 or 900µm, Single-mode or Multimode (50µm and 62.5µm) configurations. FastCAM Connectors provide an immediate termination to either single-mode or multimode fibers.

## FEATURES

- Precision mechanical termination
- Fast and easy to install
- No polishing, no epoxy curing, no special tools
- Low insertion loss connection
- Uses proven molded v-groove technologies

## STANDARDS COMPLIANCE

Meets TIA/EIA 568B performance requirements

## PHYSICAL SPECIFICATIONS

| Specifications | |
| --- | --- |
| PARAMETER | VALUE |
| Insertion Loss (Single-mode or Multimode): | Average: 0.2dB, Maximum: 0.5dB |
| Return Loss (Single-mode): | Average: 56.4 dB, Minimum: 45dB |
| Operating Temperature: | -40ºC to +75ºC |

## DESIGN CONSIDERATIONS

- For use in Data Centers or applications requiring fast network deployment
- Single-mode and multimode versions
- Not recommended for Outside Plant applications/installations



Pictured: SC Connector (above), ST Connector (below)

## WARRANTY INFORMATION

For a copy of Leviton product warranties, log on to www.levitonvoicedata.com/warranty.

## TYPICAL SPECIFICATION

The mechanical fiber optic connector shall meet or exceed the requirements described in TIA/EIA 568B. Connector shall be of a design that facilitates rapid termination and deployment. Connectors shall be available in both SC and ST, 250 or 900µm, and Single-mode or Multimode (50µm and 62.5µm) configurations. Connector Insertion Loss shall be no greater than 0.5dB, with an average of 0.2dB.
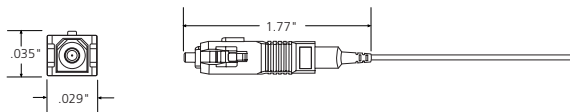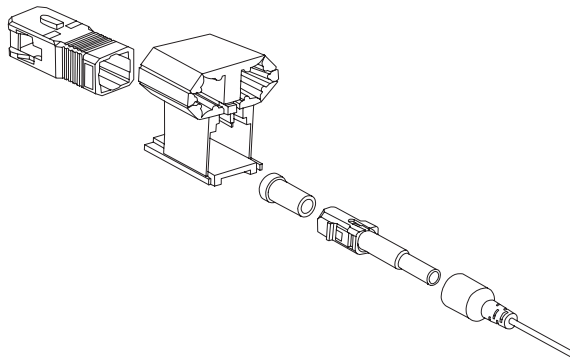
## ELECTRONIC FILES

For CAD files, Typical Specs, or Dimensional Line Art (.DXF, .DWG, MS-DOS.eps or .TXT), log on to www.levitonvoicedata.com.
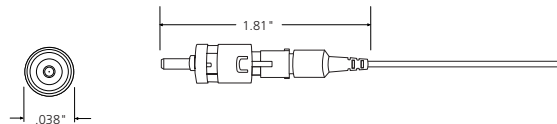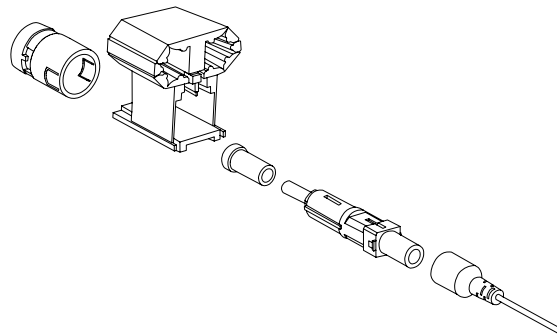
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## DIMENSIONAL LINE ART

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log on to www.levitonvoicedata.com.

SC Connector

ST Connector

| Leviton FastCAM Connectors | | |
|---|---|---|
| **Description** | **1 per bag** | **6 per bag** |
| FastCAM ST MM 62.5µm | 49991-MST | 49996-MST |
| FastCAM ST MM 50µm | 49991-5ST | 49996-5ST |
| FastCAM ST SM | 49991-SST | 49996-SST |
| FastCAM SC MM 62.5µm | 49991-MSC | 49996-MSC |
| FastCAM SC MM 50µm | 49991-5SC | 49996-5SC |
| FastCAM SC SM | 49991-SSC | 49996-SSC |

| Leviton FastCAM Installation Kits | |
|---|---|
| Single-mode/Multimode | 49800-SMK |
| Multimode | 49800-MMK |

**NOTE:** Installation kits include a cleaver, fiber stripper, and both dry and alcohol-moistened cleaning wipes. Alternative cleavers may be substituted if they achieve a guaranteed maximum cleaving angle of 2° for multimode fibers and 1° for single-mode fibers.