

## Economy Series Fiber Optic Pigtails & Pigtail Kits

### APPLICATION

Leviton's single-mode and multimode Economy Series Pigtails are designed to support both fusion and mechanical splicing for fiber cabling systems. The pigtails are available separately or in kits for ease of installation and ordering.



### SPECIFICATION

Single-mode and multimode fiber optic pigtails shall be available in 3-meter lengths, made of OFNR fiber optic cable, and be compliant with TIA-568-C.3 and TIA-598-C. Single-mode pigtails shall come in ST, SC, and LC connector styles, and offer UPC and APC polish types. Multimode pigtails shall come in ST, SC, and LC connector styles, and offer 50 μm (10G, 300 m) laser optimized, and 62.5 μm core styles.

### FEATURES

- Available in SC, ST, and LC connectors
- All assemblies 100% optically tested
- All pigtails serialized for traceability
- Support equipment for complete network solutions
- Pigtails in kit are individually colored to easily match color-coded (900 μm or 250 μm) fiber cable that will be spliced
- Quick-turn service for fast delivery

### DESIGN CONSIDERATIONS

- Easy strip 900 μm buffered fiber
- Fiber available: OM1, OM2, OM3, OS2
- Splice sleeves, holders and trays available from Leviton
- 12-fiber color-coded pigtail kits per TIA-598-C

### STANDARDS COMPLIANCE

GR 1435; General Requirements for Multi-Fiber Optical Connectors TIA-568-C.3; Optical Fiber Cabling Components Standard Kits are color compliant per TIA-598-C

### PHYSICAL SPECIFICATIONS

Dimensions: 3 meters long  
 Materials: 900 μm buffered fiber  
 Colors (kit): Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Purple, Rose, Aqua

### COUNTRY OF ORIGIN

China

### WARRANTY INFORMATION

For a copy of Leviton product warranties, visit [www.leviton.com/warranty](http://www.leviton.com/warranty).

| PERFORMANCE SPECIFICATIONS |                 |                              |
|----------------------------|-----------------|------------------------------|
|                            | Multimode       | Single-mode                  |
| Insertion Loss             | 0.4 dB Max      | 0.35 dB Max                  |
| Return Loss                | >-25 dB         | >-55 dB (UPC), >-60 dB (APC) |
| Durability                 | 500 Matings     | 500 Matings                  |
| Repeatability              | <0.2 dB         | <0.2 dB                      |
| Operating Environment      | -40° C to 75° C | -40° C to 75° C              |
| Rohs                       | Yes             | Yes                          |

62PXX-XXX, UPPXX-XXX, 50PXX-XXX, APPXX-SXX, 5LPXX-XXX

|   |   |   |  |   |  |
|---|---|---|--|---|--|
| <b>Leviton Network Solutions</b><br>2222 - 222nd St. SE<br>Bothell, WA 98021-4416<br><br>tel 1-800-824-3005<br>tel +1-425-486-2222<br>appeng@leviton.com<br>www.leviton.com | <b>Asia / Pacific</b><br>T +1.631.812.6228<br>E infoasean@leviton.com | <b>Canada</b><br>T +1.514.954.1840<br>E pcservice@leviton.com         | <b>Caribbean</b><br>T +1.954.593.1896<br>E infocaribbean@leviton.com | <b>China</b><br>T +852.2774.9876<br>E infochina@leviton.com                   | <b>Colombia</b><br>T +57.1.743.6045<br>E infocolombia@leviton.com  |
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**ELECTRONIC FILES**

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit [www.leviton.com](http://www.leviton.com).

**MULTIMODE PIGTAIL - SIMPLEX (3 METERS)**

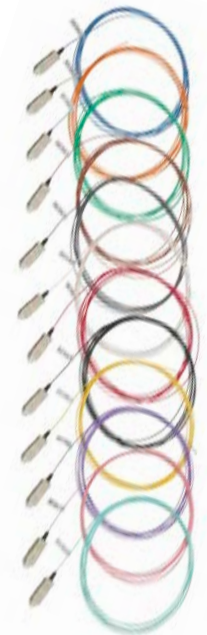
| Description             | Part No.  |
|-------------------------|-----------|
| SC 62.5/125 µm, OM1     | 62PSC-M03 |
| ST 62.5/125 µm, OM1     | 62PST-M03 |
| LC 62.5/125 µm, OM1     | 62PLC-M03 |
| SC 50/125 µm, OM2       | 50PSC-M03 |
| ST 50/125 µm, OM2       | 50PST-M03 |
| LC 50/125 µm, OM2       | 50PLC-M03 |
| SC 50/125 µm, LOMM, OM3 | 5LP5C-M03 |
| ST 50/125 µm, LOMM, OM3 | 5LPST-M03 |
| LC 50/125 µm, LOMM, OM3 | 5LPLC-M03 |

**SINGLE-MODE PIGTAIL - SIMPLEX (3 METERS)**

| Description   | Part No.  |
|---------------|-----------|
| SC UPC polish | UPPSC-S03 |
| ST UPC polish | UPPST-S03 |
| LC UPC polish | UPPLC-S03 |
| SC APC polish | APPSC-S03 |
| LC APC polish | APPLC-S03 |

**12-FIBER INDIVIDUAL COLOR-CODED PIGTAIL KITS (3 METERS)**

| Description            | Part No.  |
|------------------------|-----------|
| SC 62.5/125 µm, OM1    | 62PSC-KIT |
| SC 50/125 µm, OM2      | 50PSC-KIT |
| SC 50/125 µm LOMM, OM3 | 5LPSC-KIT |
| LC 62.5/125 µm, OM1    | 62PLC-KIT |
| LC 50/125 µm, OM2      | 50PLC-KIT |
| LC 50/125 µm LOMM, OM3 | 5LPLC-KIT |
| ST 62.5/125 µm, OM1    | 62PST-KIT |
| ST 50/125 µm, OM2      | 50PST-KIT |
| SC UPC Polish SM, OS2  | UPPSC-KIT |
| LC UPC Polish SM, OS2  | UPPLC-KIT |



Note: For other configurations please contact Inside Sales at 800.722.2082 to order.  
 Callers from outside the U.S. and Canada please dial 1.425.486.2222.

**62PXX-XXX, UPPXX-XXX, 50PXX-XXX, APPXX-SXX, 5LPXX-XXX**



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