

## PRODUCT SPECIFICATIONS

### Economy Series Fiber Optic Pigtails and Pigtail Kits

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### APPLICATION

Leviton 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 three-meter lengths and be compliant with ANSI/TIA-568.3 and ANSI/TIA-598-D. Single-mode pigtails shall come in LC, SC, and ST connector styles, and offer UPC and APC polish types. Multimode pigtails shall come in ST, SC, and LC connector styles, and offer OM1, OM3, and OM4 core styles. Single-mode SC and LC available in UPC or APC.

#### PERFORMANCE SPECIFICATIONS

|                       | Multimode        | Single-mode                  |
|-----------------------|------------------|------------------------------|
| Insertion Loss        | 0.3 dB Max       | 0.25 dB Max                  |
| Return Loss           | > 25 dB          | > 50 dB (UPC), > 55 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                          |

### FEATURES & BENEFITS

- Available with SC, ST, and LC connectors
- All assemblies are 100% optically tested
- All pigtails are serialized for traceability
- Support equipment for complete network solutions
- Pigtails in kits are individually colored to easily match color-coded (900 µm or 250 µm) fiber cable that will be spliced
- LC low profile clip with relief boot for optimum bend
- Quick-turn service for fast delivery
- Pigtail kits packaged in plastic-free 100% recyclable materials

### DESIGN CONSIDERATIONS

- 900 µm buffered fiber
- Fiber available: OM1, OM3, OM4, and OS2
- Splice sleeves, holders, and trays available from Leviton
- 12-fiber color-coded pigtail kits per ANSI/TIA-598-D
- Single-mode SC and LC available in UPC or APC

### STANDARDS & REGULATIONS

- GR 1435; General Requirements for Multi-Fiber Optical Connectors
- ANSI/TIA-568.3
- Kits are color compliant per ANSI/TIA-598-D

### MECHANICAL SPECIFICATIONS

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

### COUNTRY OF ORIGIN

USA - OM3, OM4, OS2  
China - OM1

### WARRANTY INFORMATION

For Leviton product warranties, go to [Leviton.com/warranty](https://leviton.com/warranty)

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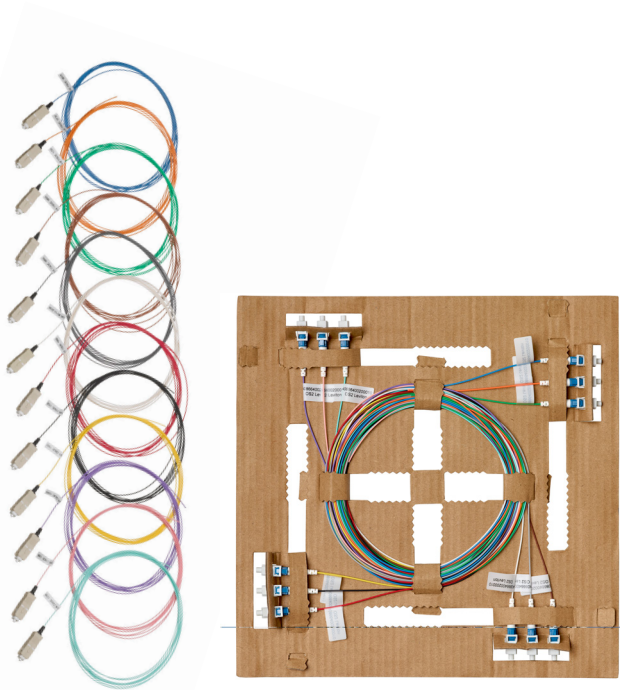
### Economy Series Fiber Optic Pigtails and Pigtail Kits

| 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, LOMM, OM3                | 5LPSC-M03 |
| ST 50/125 µm, LOMM, OM3                | 5LPST-M03 |
| LC 50/125 µm, LOMM, OM3                | 5LPLC-M03 |
| SC 50/125 µm, LOMM, OM4                | 54PSC-M03 |
| LC 50/125 µm, LOMM, OM4                | 54PLC-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 |
| ST 62.5/125 µm, OM1                                     | 62PST-KIT |
| LC 62.5/125 µm, OM1                                     | 62PLC-KIT |
| SC 50/125 µm, LOMM, OM3                                 | 5LPSC-KIT |
| LC 50/125 µm, LOMM, OM3                                 | 5LPLC-KIT |
| SC 50/125 µm, LOMM, OM4                                 | 54PSC-KIT |
| LC 50/125 µm, LOMM, OM4                                 | 54PLC-KIT |
| SC UPC Polish SM, OS2                                   | UPPSC-KIT |
| LC UPC Polish SM, OS2                                   | UPPLC-KIT |
| SC APC Polish SM, OS2                                   | APPSC-KIT |
| LC APC Polish SM, OS2                                   | APPLC-KIT |

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



12-Fiber Pigtail Kit in Sustainably Smart Packaging

For further support information, visit [Leviton.com/ns/support](https://leviton.com/ns/support)