LEVITON ®
Network Solutions

Economy Series Fiber Optic Pigtails and Pigtail Kits

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.

SC 62.5/125 µm   SC APC polish   LC 62.5/125 µm

SPECIFICATION

Single-mode and multimode fiber optic pigtails shall be available in three-meter lengths, made of OFNR fiber optic cable, and be compliant with ANSI/TIA-568.3-D and ANSI/TIA-598-D-1. 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 OM1, OM3, and OM4 core styles.

FEATURES

- 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 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, OM3, OM4, and OS2
- Splice sleeves, holders, and trays available from Leviton
- 12-fiber color-coded pigtail kits per ANSI/TIA-598-D-1

STANDARDS & REGULATIONS

- GR 1435; General Requirements for Multi-Fiber Optical Connectors
- ANSI/TIA-568.3-D; Optical Fiber Cabling Components Standard
- Kits are color compliant per ANSI/TIA-598-D-1

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

China

WARRANTY INFORMATION

For Leviton product warranties, go to leviton.com/warranty

PERFORMANCE SPECIFICATIONS		
	Multimode	**Single-mode**
Insertion Loss	0.35 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

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PRODUCT SPECIFICATIONS
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.

For further support information, visit leviton.com/ns/support

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