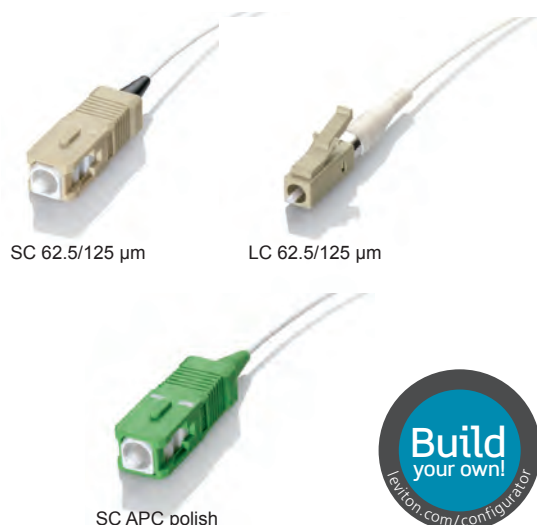


Pigtail Fiber Optic Cable Assemblies

APPLICATION

Leviton's single-mode, standard multimode, and laser optimized multimode fiber optic pigtails are designed to support mechanical and fusion splicing for fiber cabling systems.



SPECIFICATION

The 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. Single-mode pigtails shall come in ST, SC, and LC connector styles, and offer UPC and APC polish types. Insertion loss shall average .3dB, but not exceed .5dB at 1310 nm and 1550 nm per mated pair. 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. Insertion loss shall average .3dB, but not exceed .5dB at 1300 nm per mated pair.

DESIGN CONSIDERATIONS

- Standard length of three meters. Custom lengths available upon request
- All connectors have precision pre-radiused zirconia ferrules
- Corning glass fiber or equivalent
- Other connectors available upon request (MU, FC, MT-RJ)
- 0.9 mm tight buffered OFNR cable (white) in 62.5/125 µm, 50/125 µm, 50/125 µm (10G, 300 m) laser optimized, and single-mode

STANDARDS COMPLIANCE

Meets all applicable standards. Compliant with TIA-568-C.3

CONNECTOR COLORS

	MM	LOMM	SM/UPC	SM/APC
SC	beige	aqua	blue	green
LC	beige	aqua	blue	green
ST	metal	N/A	metal	N/A

PERFORMANCE SPECIFICATIONS

- Insertion loss:
- Insertion loss less than .5dB at 1310 nm and 1550 nm per mated pair (single-mode), typical insertion loss .3dB
 - Insertion loss less than .5dB at 1300 nm per mated pair (multimode), typical insertion loss .3dB
- Return loss:
- Return loss for single-mode UPC polish is greater than 55dB
 - Return loss for single-mode APC polish is greater than 65dB

WARRANTY INFORMATION

For a copy of Leviton product warranties, visit www.leviton.com.

MULTIMODE PIGTAIL (3 METERS)	
DESCRIPTION	SIMPLEX
SC 62.5/125 µm	62PSC-M03
ST 62.5/125 µm	62PST-M03
LC 62.5/125 µm	62PLC-M03
SC 50/125 µm	50PSC-M03
ST 50/125 µm	50PST-M03
LC 50/125 µm	50PLC-M03
SC 50/125 µm (10G, 300 m) Laser Optimized	5LPSC-M03
LC 50/125 µm (10G, 300 m) Laser Optimized	5LPLC-M03

SINGLE-MODE PIGTAIL (3 METERS)	
DESCRIPTION	SIMPLEX
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

PART NUMBER CONFIGURATOR - CUSTOM FIBER OPTIC PIGTAILS

Example: **62PMJ-M15**; Fiber pigtail, 62.5/125 µm duplex riser-rated cable, MT-RJ Pigtail, 15-meter length

FOR ASSISTANCE CONFIGURING YOUR CABLE ASSEMBLY, PLEASE CALL 1-866-923-7955

