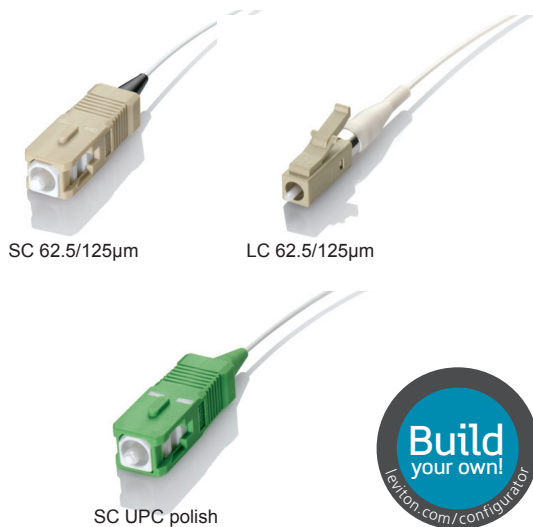


Pigtail Fiber Optic Cable Assemblies

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/EIA-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 1310nm and 1550nm per mated pair. Multimode pigtails shall come in ST, SC, and LC connector styles, and offer 50 µm and 62.5 µm core styles. Insertion loss shall average .3dB, but not exceed .5dB at 1300 nm per mated pair.

DESIGN CONSIDERATIONS

- Standard form factor connector styles
- Small form factor connector styles
- All connectors have precision pre-radiused zirconia ferrules
- ST and FC connectors have metal bodies
- Corning glass fiber is standard
- Custom options available, including FC and MT-RJ connectors

STANDARDS COMPLIANCE

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

PHYSICAL SPECIFICATIONS

- Length: 3-meter length (Custom lengths available)
- Dimensions: All connectors built on .9 mm tight buffered cable.
- Cable Type: Single-Mode and Multimode 50 µm or 62.5 µm OFNR rated white fiber optic cable
- Insertion loss:
- Insertion loss guaranteed to be less than .5dB at 1310nm and 1550 nm per mated pair (single-mode), typical insertion loss .3dB.
 - Insertion loss guaranteed to be 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, with typical of 57dB
 - Return loss for single-mode APC polish is greater than 65dB, with a typical of 67dB

WARRANTY INFORMATION

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

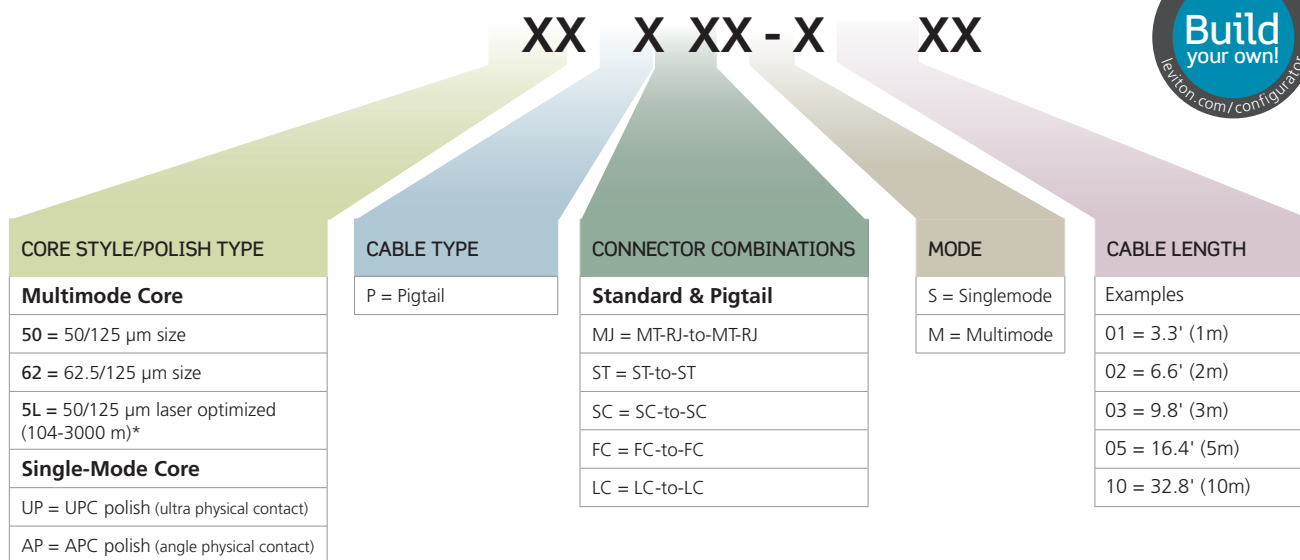
MULTIMODE PIGTAIL (3 METERS)	
DESCRIPTION	SIMPLEX
SC 62.5/125µm	62PSC-M03
ST 62.5/125µm	62PST-M03
LC 62.5/125µm	62PLC-M03
SC 50/125µm	50PSC-M03
ST 50/125µm	50PST-M03
LC 50/125µm	50PLC-M03

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 patch cord, 62.5/125 µm duplex riser-rated cable, MTRJ Pigtail, 15 meter length

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



*For OM4 (104, 550m) fiber type, please contact inside sales

