

Fiber Optic Pigtails

Overview

Fiber optic pigtails are short lengths of optical fiber featuring a pre-terminated connector on one end and exposed fiber on the other for field termination. They provide low-loss integration between trunk cables and equipment through fusion splicing. These pigtails undergo quality testing to meet or exceed industry standards while adhering to stringent performance specifications. Fibertronics Inc. offers single-mode (OS2) and multimode (OM1, OM3, OM4, OM5) pigtails, available with LC, SC, FC, and ST connectors on 0.9mm buffered fiber. They come in both jacketed and unjacketed versions.

Note: Our jacketed pigtails have a breakout of ~0.5m (~19.6in)

Key Features

- Low Insertion Loss
- Low Back Reflection Loss
- Meets ISO 9001, RoHS, and Telcordia GR-326 Standard

Typical Applications

- Local and Wide Area Network (LAN/WAN)
- Telecommunication Systems
- Data Processing Networks

Technical Specifications

Fiber Counts	1, 6, 12
Connector Types	UPC - LC, SC, FC, ST APC - LC, SC, FC
Fiber Modes	Singlemode OS2 Multimode - OM1, OM3, OM4, OM5
Operating Temperature	-40°C ~ +75°C



SP-1STMM3



SP-6LCM3



SPJ-12SCASM3



SPJ-6FCMM10G3

Custom Options

Fibertronics Inc. offers a wide range of **custom fiber optic pigtail configurations** to meet your exact specifications. These include:

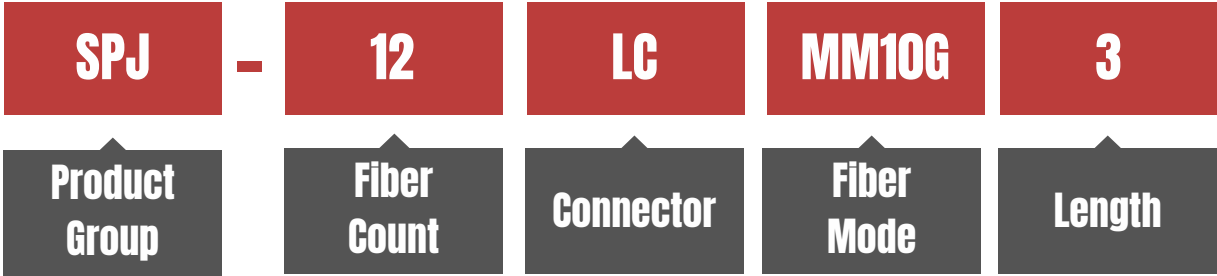
- Custom fiber modes, connector types, and fiber counts

To request a custom solution, contact our sales team at: sales@fibertronics.com

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Part Numbers Explained

Below is an example part number: **SPJ-12LCMM10G3**
A jacketed splice pigtail with 12 fibers, LC/UPC connectors, multimode OM3, and 3 meters in length



Product Group	Fiber Count	Connector	Fiber Mode	Length
SP : Splice Pigtail	1 : 1 Fiber	LC : LC/UPC	SM : Singlemode (9/125µm)	# : Length in Meters
SPJ : Splice Pigtail Jacketed	6 : 6 Fiber	LCA : LC/APC	MM : Multimode OM1 (62.5/125µm)	
	12 : 12 Fiber	SC : SC/UPC	MM10G : Multimode OM3 (50/125µm)	
		SCA : SC/APC	MMOM4 : Multimode OM4 (50/125µm)	
		FC : FC/UPC	MMOM5 : Multimode OM5 (50/125µm)	
		FCA : FC/APC		
		ST : ST/UPC		