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.

SP-1STMM3

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

SP-6LCSM3

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

SPJ-12SCASM3

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**

SPJ-6FCMM10G3

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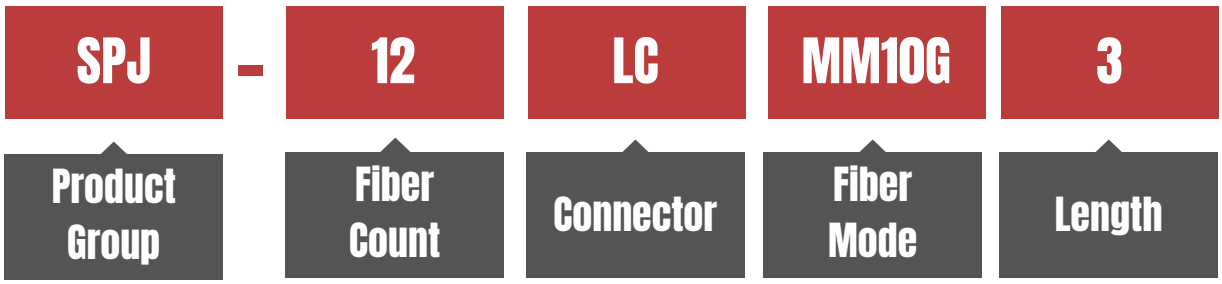
Part Numbers Explained

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
SP: Splice Pigtail
SPJ: Splice Pigtail Jacketed

Fiber Count
1: 1 Fiber
6: 6 Fiber
12: 12 Fiber

Connector
LC: LC/UPC
LCA: LC/APC
SC: SC/UPC
SCA: SC/APC
FC: FC/UPC
FCA: FC/APC
ST: ST/UPC

Fiber Mode
SM: Singlemode (9/125µm)
MM: Multimode OM1 (62.5/125µm)
MM10G: Multimode OM3 (50/125µm)
MMOM4: Multimode OM4 (50/125µm)
MMOM5: Multimode OM5 (50/125µm)

Length
#: Length in Meters