

# Fiber Optic Pigtail with SC Connector

This fiber optic pigtail utilizes high-precision ceramic ferrules and advanced grinding technology to meet industry standards for optical performance. It undergoes 100% optical performance testing to ensure superior quality.



## Product Overview

### High-Performance SC Fiber Optic Pigtail

This single-mode fiber optic pigtail features a precision-engineered SC connector, designed for reliable connectivity in telecommunications, data networks, and CATV applications. It consists of a short length of optical fiber pre-terminated with a connector, facilitating efficient splicing to optical fiber cables. With a robust push-pull latching mechanism and strain-relief boot, this pigtail ensures long-term durability and signal integrity in demanding network environments.

## Optical Performance

### Insertion Loss

**0.2 dB**

Insertion Loss

### Return Loss

- SM (Single-mode): e 45 dB
- MM (Multi-mode): e 35 dB

## Mechanical Properties

Plug Life / Durability	1000 cycles
Operating Temperature Range	-20°C to 60°C (LSZH)

## Connector Details

### Connector Type

SC Connector

### Key Features

Push-pull latching, Strain relief boot, Low back reflection, Low insertion loss