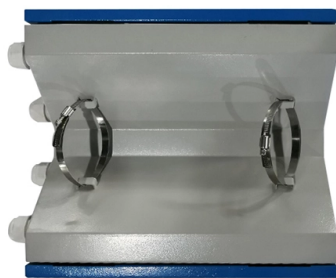


## Pigtail fiber type and parameters



### Overview

Fiber Patch Cord & Pigtail: Complete Selection Guide 2026 | OPELINK This article is a selection guide for Fiber patch cords and pigtails, which systematical.

### Key Takeaways

Fiber optic pigtails are short fiber cables with a pre-terminated connector on one end and an exposed fiber on the other, designed for fusion or mechanical splicing in optical networks. Fiber Types

Fiber pigtails are available in single-mode (OS2, G.652D, G.655, G.657A) and multimode (OM1, OM2, OM3, OM4, OM5) variants, supporting 50/125 $\mu$ m or 62.5/125 $\mu$ m core sizes for multimode and 9/125 $\mu$ m for single-mode applications .

#### Connector Options

Common connectors include LC, SC, ST, FC, LSH, E2000, MTP/MPO, and MTRJ. Both UPC (Ultra Physical Contact) and APC (Angled Physical Contact) polish types are available, with APC connectors typically green in color . Note that APC connectors are not available for ST, MTRJ, MU, or SMA types .

#### Cable Construction

- Tight-buffered cable: Standard 900 $\mu$ m buffer for easy fusion splicing and mechanical protection .
- Jacketed options: 2mm or 3mm jackets for LC, SC, ST, FC, SMA, and E2000 pigtails. Materials include LSZH (Low Smoke Zero Halogen), OFNP (Plenum-rated), and PVC .

- Strength members: Aramid yarn is often used to reinforce the cable core .
- Performance Specifications
- Insertion loss: Typically

## Article Content

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This article is a selection guide for Fiber patch cords and pigtails, which systematically introduces the definitions and

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Fiber pigtails refer to fiber optic cables that contain a connector at one end to connect devices and bare optical fiber at

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