How to check pigtail fiber model and specifications



Overview

Engineering review: Send us your splice tray model, closure type, or network drawing and we will match the pigtail spec.

Key Takeaways

A fiber optic pigtail model number encodes key details such as fiber type, connector type, strand count, and length, which can be decoded using manufacturer part number guides.

Understanding Pigtail Model Numbers

Fiber optic pigtails are short fiber cables with a factory-terminated connector on one end and a bare fiber on the other. The model number or part number is designed to convey essential specifications, including: Fiber type: Single-mode (OS2) or multimode (OM1–OM5)Connector type: Common types include ST, SC, FC, LC, and MPO/MTPStrand count: Number of fibers in the pigtail (1, 2, 4, 6, 8, 12, 24, 48, 72)Cable length: Typically in meters (e.g., 1 m, 2 m)Polish type: APC (angled) or UPC (ultra-polished) for single-mode connectorsSteps to Identify the Model NumberCheck the Manufacturer Label: Many pigtails have a flag label or printed code showing fiber type, serial number, and part number for traceability.

Decode the Part Number: Manufacturers like Corning and Leviton use structured codes. For example, Corning pigtails start with “00” for pigtails, followed by connector codes, fiber count, and length. Leviton uses codes like “M4-01-06” where M4 = OM4 multimode, 01 = blue fiber, 06 = white fiber.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Use Part Number Charts: ZeroConnect and other suppliers provide charts to match strand count, fiber type, and connector type to the exact part number. Verify Fiber and Connector Type: Physically inspect the connector and fiber color coding. Multi-fiber pigtails follow TIA/EIA-598-A color standards for easy identification.

Consult Manufacturer Documentation: Product datasheets and ordering guides provide full decoding instructions for part numbers, including optional features like armored or waterproof pigtails. Tips for Accurate IdentificationSingle-core vs Multi-core: Single-core pigtails are standard for most enterprise work, while multi-fiber bundles are used in high-density data centers. Indoor vs Outdoor: Indoor pigtails are lightweight and flexible, while armored or waterproof pigtails have additional protective layers.

Traceability: Use QR codes or barcodes on pigtails to access factory test data and confirm specifications. By following these steps and referencing manufacturer part number guides, you can accurately determine the model number of any fiber optic pigtail for ordering, installation, or inventory purposes.

Article Content

Fiber Optic Pigtail: Types, Splicing Guide, Specs & Price

Engineering review: Send us your splice tray model, closure type, or network drawing and we will match the pigtail spec. Individual test reports: Every pigtail ships with measured IL/RL values,

Fiber Pigtails

The fiber pigtails are designed to support fusion and mechanical splicing for fiber cabling systems. They are available separately or in kits for ease of installation and ordering.

Pigtails Datasheet

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,

12 Fibers Pigtails Datasheet | FS

Fiber optic pigtail is a tight buffered fiber cable with connectors pre-terminated on one end and exposed fiber on the other. The exposed end could be stripped and fusion spliced to a single or multi-fiber trunk.

Fiber Optic Pigtail: The Complete Guide to Types,

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

This guide covers everything: what fiber optic pigtails are, how they differ from patch cords, which connector and polish type to specify, how to

Fiber Pigtail Specifications and Types: A Comprehensive Guide

Discover complete fiber pigtail specifications and types. Learn how to choose between SC/APC, LC, and armored pigtails for FTTH & Data Centers. Get high-quality optical components from JUNPU.

The 2026 Fiber Optic Pigtail Guide: SN/CS/MDC, Bend-Insensitive

Discover the 2026 Fiber Optic Pigtail Guide—covering SN/CS/MDC VSFF connectors, bend-insensitive OS2 G.657.A2, OM5 ribbon pigtails and AI-ready high-density deployments for

SIMPLEX FIBER OPTIC PIGTAILS DATASHEET

Before using the fiber, you should strip tight buffered fiber optic pigtail with tri-hole fiber stripper. If you do not remove all of the buffer coating, the fiber will not be able to be utilised in terminating fiber optic

Fiber Pigtail Kits

Pigtail kits shall be individually packaged with part numbers, descriptions, optical performance, and code 39 barcodes. Additionally, QR codes shall be provided to access supporting documentation.

Fiber Optic Patch Cords & Pigtails Selection Guide

Learn how to pick the right fiber optic patch cord or pigtail. Avoid installation errors. Based on 12+ years of field experience. Step-by-step guide with real examples.

OPTICO Standard Pigtail Datasheet

OPTICO Standard Pigtail Datasheet Ideal for CATV, FTTH/FTTX, telecommunication networks, premise installations, data processing networks, LAN/WAN network, and more.

Fiber Pigtail Kits

APPLICATION Standard and low loss Fiber Optic Pigtail Kits are ideal for fusion splicing the fiber connectivity required for structured cabling systems. Typical applications include data centers,

Pigtails

Pigtails can be supplied in a variety of lengths, colors and with a variety of different connector types. The standard fiber type used is G657A1 for singlemode pigtails, but different fiber types and cable

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

What Is a Fiber Optic Pigtail? Full Guide to Pigtail Fiber Types ...

Comprehensive guide to fiber optic pigtails: Explore types, pigtail connectors, fiber counts, and applications for FTTH, data centers, industrial networks, and more.

What is a Fiber Optic Pigtail, and What Is It Used For?

Discover the essentials of fiber optic pigtails, including types, uses, and installation procedures to ensure smooth network operations in data and telecom setups.

How to Choose the Best Pigtail Fiber Optic for Your Network Setup

Learn what to look for in pigtail fiber optic cables: types, connectors, compatibility, and key specs to ensure reliable, high-speed connections.

Fiber Optic Pigtails

Fiber Optic Pigtails are basically used to splice the fiber in the cable so that they can be connected to the patch panel or equipment. It comprises of a fiber cable terminated with a connector at only one

Fiber Optic Pigtails Models and Selection Guide

The choice of these models directly affects the transmission efficiency, stability and reliability of the fiber optic network. Understanding the

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: https://fdsoluciones.es
Technical inquiry: https://fdsoluciones.es/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved