

# What is the serial number of the optical fiber in the optical cable



## Summary of Content

The serial number of an optical fiber in an optical cable is a unique identifier printed on the cable or associated with the fiber for tracking, testing, and inventory purposes.

### Location and Format

The serial number is typically printed on the outer sheath of the optical cable along with other information such as the manufacturer, cable type, fiber count, and date of manufacture. For example, a Corning optical cable may include a serial number alongside the product name and fiber specifications, such as "864F" for 864 fibers, and other details like buffer diameter and cable weight. Serial numbers can have different formats depending on the manufacturer. Some common formats include:

- Numeric only: e.g., 57891024 (entered without any prefix like "S#")
- Alphanumeric with prefixes: e.g., FO-00001646747-11 or PNP-0000154789-10, which must be entered including the letters when used in online databases.

### Purpose of the Serial Number

The serial number serves several key purposes:

- Identification: Each fiber or cable can be uniquely identified for installation and maintenance.
- Testing and Certification: Serial numbers are used to retrieve test results and quality certifications from manufacturer databases.

## Article Content

### Optical fiber

An optical fiber, or optical fibre, is a flexible glass or plastic fiber that can transmit light from one end to the other. Such fibers are

### Fiber Optic Cables Selection Guide: Types, Features

Fiber optic cables are composed of one or more transparent fibers enclosed in protective coverings and

### The FOA Reference For Fiber Optics

Optical Fiber Fiber Optics is the communications medium that works by sending optical signals down hair-thin strands of extremely

### Optical Fiber Cable Markings

A: Type OFN cable is listed under the product category for Optical Fiber Cable (QAYK). Listed optical fiber cable is required to be

### Fiber Optic Cable Types Explained

Our comprehensive guide to types of fiber optic cables. Learn all about the differences between single mode and multimode cables,

### Fiber 101

Fiber optic links require a method to connect the transmitter to the fiber optic cable and the fiber optic cable to the receiver. In

### Fiber Optic Color Code: Complete Guide to Cable

Master the fiber optic color code system! This comprehensive guide helps identify fiber optic

### The Ultimate Guide to Fiber Optic Cable: Understanding

What is Fiber Optic Cable, and How Does it Work? Introduction to Fiber Optic Cable A fiber

### "Reading" A Fiber Optic Cable

The text on the cable starts with the Corning product name "Corning Rocket Ribbon (TM)

### TIA-598-C

This method can be used for identification of fiber ribbons and fiber subunits. The legend will contain a corresponding printed

### What Is Fiber Optic Cable?

A fiber optic cable is a network cable that contains strands of glass fibers inside an insulated casing. They're designed

Fiber Optic Cable Buying Guide

Fiber optic cables transmit data using pulses of light instead of electrical signals. Inside the cable you can find a glass or plastic core

The FOA Reference For Fiber Optics

The text on the cable starts with the Corning product name "Corning Rocket Ribbon (TM) Optical Cable," date of manufacture

Fiber Color Code: A Simple Guide for Beginners (2024)

Therefore, we can quickly identify fiber optic cables that contain only one cable type by color.

Everything You Need to Know About Fiber Optic Cable: A

Discover everything about fiber optic cable in our comprehensive guide, including essential features and tips for

Multi-mode optical fiber

The equipment used for communications over multi-mode optical fiber is less expensive than that for single-mode optical fiber.

Fiber Optic Color Code: Comprehensive Guide

Fiber optic cables are thin, flexible strands of glass or plastic used in telecommunications, data

THE BASICS OF FIBER OPTIC CABLE a Tutorial

MAINTENANCE: Fiber optic cables costs much less to maintain. There are three types of fiber optic cable: single mode, multimode

Fiber Optic Cable Components & Materials: Complete

Explore the 5 key fiber optic cable components and materials used in modern networks.

Optical Fiber Cable Markings

These markings are provided on the outer surface of the cable or on a marker tape that is readily legible through a translucent or

Optical Fiber Product Information Sheets

An all inclusive list of the various optical fiber specification sheets.

Fiber Optics: Understanding the Basics

Fiber Optics: Understanding the Basics Nothing has changed the world of communications as much as the development and

Fiber-optic cable

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but containing one or more

Fiber-optic communication

An optical fiber patching cabinet. The yellow cables are single-mode fibers; the orange and blue cables are multi-mode fibers:

Fiber Optic Color Code: The Ultimate TIA-598-C Guide (2026)

Master the TIA-598-C fiber optic color code standard. Read our complete guide and use our free interactive calculator to easily

What Is a Fiber Optic Cable?

Optical fiber cables are made from a set of fibers with a thin glass or plastic strand to provide a speed of 1Mbps to 100 Gbps and

Fiber Optic Cable Types: A Complete Guide

The plethora of fiber optic cable types can seem overwhelming, but choosing the right cable for the job is important.

How do I identify a fiber cable?

A fiber optic identifier can detect the presence of signals in the fiber without disrupting the transmission. It can help confirm if the

What Is Fiber Optics? A Guide

A fiber optic cable is made of thin strands or threads of glass no thicker than the width of a human hair. Fiber optic

Understanding Fiber Optic Cables and Connectors

Understanding Fiber Optic Cables and Connectors in Modern Networks This whitepaper takes a deeper

Optical cable model meaning and optical cable specifications

The two digits are the thousands and hundreds digits of the fiber optic mode bandwidth classification value (MHz·km)

WebTrak

For fiber cable you will need the serial number and footage count. The image demonstrates where this information can be found on

## Fiber Optic Basics | Optical Fiber 101 | Corning

Optical fiber is a highly-transparent strand of glass that transmits light signals with low attenuation (loss of signal power) over long

### AEN029 Optical Fiber Cable Color Codes

Corning Optical Communications supports the adoption of TIA/EIA-598 because it promotes standardization throughout the optical

## Contact Us

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