

Complete Color Order Chart for Optical Fiber Cables



Article Overview

The standard color order for optical fiber cables follows the TIA/EIA-598-C 12-color sequence: Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua.

Standard 12-Color Sequence

For individual fibers in a cable, the TIA/EIA-598-C standard specifies the following 12-color order for easy identification during installation, splicing, and maintenance:

- Blue
- Orange
- Green
- Brown
- Slate (Gray)
- White
- Red
- Black
- Yellow
- Violet
- Rose (Pink)
- Aqua (Light Blue) This sequence repeats for cables with more than 12 fibers, with additional markings such as stripes or binder rings to distinguish repeated sets .

High-Count Fiber Cables...

Article Content

Oct 02, 2025

Color Code Guide For Fiber Optic Specifications

Tubes with 24 uniquely colored fibers: Fibers 1 to 12 use the standard blue through aqua color sequence. Fibers 13 to 24 use black

May 21, 2026

Fiber Optic Cable Color Code Chart PDF | Quick Reference Guide

The Fiber Optic Cable Color Code Chart PDF is a comprehensive guide that standardizes color coding for fiber optic

Nov 23, 2025

Complete Guide on Fiber Optic Color Code | Network Drops

Learn the fiber optic color code system, its importance, and how to correctly identify wires for easy and efficient

Sep 01, 2025

Color_Codes_of_Optical_Fiber copy

Abstract This application note describes color identification scheme of Optical Fibers in a Sterlite Fiber Optic Cable and most

May 31, 2026

Color Codes and Counting Directions for Fiber Optic Cables

About Color Code Systems Fibers, tubes and ribbons in fiber optic cables are marked with different colors and bar codes to facilitate

Jun 16, 2026

Fiber optic color standard: Yellow, aqua, or orange? The meaning...

Fiber optic color standard is crucial to anyone who works manipulating Fiber installation with singlemode and

Jul 07, 2026

Fiber Optic Cable Color Coding Guide

The document discusses optical fiber cable color coding standards. It lists the color codes used to identify different types of optical

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Fiber Optic Color Code Chart | TIA-598-C Reference Tool

Look up tube and fiber colors for any cable count, or find a fiber number by color combination. Based on the ANSI/TIA-598-C

Apr 01, 2026

Decoding the Fiber Optic Color Codes

Ribbon fiber cables and multi-fiber push on (MPO) cables also adhere to the TIA-598-C color sequence (Figure 4). In fiber splicing,

Apr 04, 2026

Fiber Optic Cable Colors: Your PDF Guide!

Decode the mystery of fiber optic cable color codes! Download our handy PDF chart now and never get tangled up

Feb 21, 2026

Fiber Optic Color Code Chart & Cable Guide | PHILISUN

Use this fiber optic color code chart for 12 fiber colors, jacket colors, connector colors, UPC/APC polish, buffer tubes

Oct 26, 2025

Fiber Color Code: Complete Guide to Mastering Identification

Understand fiber color codes and their meanings in this comprehensive guide. Learn more about outer fiber jacket

May 05, 2026

Fiber Color Code: The Ultimate Guide to TIA-598 Standards ...

Staring at a tangled mess of colorful fiber optic cables and wondering which one is which? You're not alone. Whether

Nov 29, 2025

Fiber Optic Color Code Chart For 144 and 288 Count Cables

This is an update on a post we made a few years ago for a 144 count fiber color identification chart. Since then we have noticed

May 17, 2026

Fiber Optic Color Code: Chart, Real-World Cases & Best Practices

In this guide, we'll break down what the fiber optic color code is, why it matters, and how to use standard fiber color

Jan 04, 2026

Fiber Optic Cable Color Coding Guide | PDF | Optical Fiber ...

The document discusses optical fiber cable color coding standards. It lists the color codes used to identify different types of optical

Nov 03, 2025

Optical fibre-color-chart | PDF

This document provides information on optical fiber cable color coding standards. It lists the typical color codings for different types of

Dec 09, 2025

Fiber Optic Color Code: Chart, Real-World Cases & Best Practices

TL;DR Fiber optic color codes are a standardized system under TIA/EIA-598-C that assigns each strand a color so

May 06, 2026

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

What is Fiber Color Code? Fiber color code is a standard for quickly identifying fibers, cables, and connectors. The

Dec 13, 2025

Fiber Color Code Guide: Latest EIA/TIA-598 Standard

This guide explains the latest EIA/TIA-598-D fiber color-coding standard used to identify fiber types, inner fiber

Jun 12, 2026

Fiber Optic Color Code Chart | TIA-598-C Reference Tool

Interactive TIA-598-C fiber optic color code reference. Look up fiber colors by number, find fiber numbers by color, for 12, 24, 48, 96,

Sep 06, 2025

All Fiber Color Code Charts in One Place (download PDFs)

Grab (download) all variations of all possible color code charts in the world. From 12 fiber TIA-598 color code to 6912

Aug 16, 2025

Fiber Optic Cable Color Codes

How Color Codes Are Used In Fiber Optics When a tech opens a fiber optic cable to prepare it for splicing,

Jan 30, 2026

Understanding Fiber Optic Color Codes: A Simple Guide

A simple guide to fiber optic color codes: EIA/TIA-598-C standards, jacket and connector colors, fiber color order, and

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