

288 Optical Cable Color Sequence



Article Overview

A 288-fiber optical cable uses the TIA-598-C 12-color sequence repeated across 24 buffer tubes, with each tube containing 12 fibers.

Color Sequence Overview

The TIA-598-C standard defines a universal 12-color sequence for fiber identification:

- Blue
 - Orange
 - Green
 - Brown
 - Slate (Gray)
 - White
 - Red
 - Black
 - Yellow
 - Violet
 - Rose
 - Aqua
- In a 288-fiber cable, fibers are grouped into 24 buffer tubes, each containing 12 fibers. The tube itself is assigned a color from the same 12-color sequence, and the fibers inside the tube follow the same 12-color order. This allows unique identification of all 288 fibers.

Tube and Fiber Mapping

- Tube 1 (Blue): Fibers 1-12 (Blue, Orange, Green, Brown, Slate, White, Red, Black,...)

Article Content

Jun 25, 2026

AEN029 Optical Fiber Cable Color Codes

Corning Optical Communications supports the adoption of TIA/EIA-598 because it promotes standardization throughout the optical fiber cable industry. Corning Optical Communications has

Nov 08, 2025

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 identify 1-144 core cables.

Aug 21, 2025

Fiber Optic Color Code Chart for 144 and 288 Count Cables

Easily identify fiber optic cable colors with this comprehensive color code chart for 144 and 288 count cables. Perfect for splicing services and other fiber optic projects. Data, Telecom network, Computer

Jun 08, 2026

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 dashes on the same 12 fiber color sequence except for fiber 20

Mar 03, 2026

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 sequences, and connector polish styles. With clear tables and updated details,

May 29, 2026

Fiber Color Code Guide | Fiber Optic Cable Color Coding Standards

Learn the complete fiber color code guide. Understand fiber optic cable color coding standards and charts to simplify installation, identification, and network management.

Sep 16, 2025

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

The standard defines a 12-color sequence that cycles through tubes and repeats for fibers within each tube, allowing unique identification of every fiber in cables up to 288 fibers and beyond.

Nov 08, 2025

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

What is the standard 12-color sequence for fiber optics? Under the TIA/EIA-598-C standard, the universal 12-color sequence is: 1-Blue, 2-Orange, 3-Green, 4

Mar 08, 2026

Fiber Optic Color Code: Complete Guide to Cable

Master the fiber optic color code system! This comprehensive guide helps identify fiber optic cable colors, cable jackets, and connectors for quick and

Oct 03, 2025

Fiber Color Coding Chart

Adhering to standardized color codes ensures compliance with industry regulations and best practices,. For corning optical communications" minixtend® hd cable with 24 fibers per buffer tube, the fiber

Feb 23, 2026

Fibre Color Code Chart Overview | PDF | Brown | Blue

Fibre Color Code Chart Overview This document provides color coding standards for optical fibers in multifiber cables according to four standards: EIA598-A, DIN VDE 0888, IEC 60794-2, and IEC

Jul 05, 2026

Fiber Color Code: The Ultimate Guide to TIA-598

When you crack open a multi-fiber cable, you're greeted with a rainbow of individual buffered fibers. The TIA-598 standard defines a specific 12

Feb 17, 2026

288 Fiber Optic Cable Color Code Chart

288 Fiber Optic Cable Color Code Chart - Free download as PDF File (.pdf), Text File (.txt) or read online for free.

Mar 29, 2026

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 thousands of searches from people looking for fiber optic color codes for

Dec 07, 2025

Color Code for Fiber Optic Cables

The color sequence is illustrated below. It is very similar to the color code for twisted pair cables except the second group of colors is used first and 2 new colors are added at the end.

Oct 26, 2025

Color Arrangement Rules For Optical Fiber

For optical fiber cables, each individual fiber is color-coded in a specific sequence to facilitate easy identification. The standard color sequence is based on a 12-fiber system, which

Apr 28, 2026

Fiber Optic Color Code Chart For 144 and 288 Count Cables

Since then we have noticed thousands of searches from people looking for fiber optic color codes for 288 and 432 count fiber, both ribbon and string separated, 24 fiber tubed cables.

Mar 05, 2026

Fiber Optic Color Code Explained | Complete TIA/EIA

Learn the full fiber optic color code system with TIA/EIA-598-C charts. Includes 12-fiber colors, 24/48/72-fiber sequences, jacket colors, connector

Feb 23, 2026

Fiber Identification Charts - 288-864 Fiber

This document provides direction on properly identifying the ribbon and individual fiber in the AFL Wrapping Tube Cable. Depending on fiber-count, ribbon band-marking (striping) and binder group

Feb 03, 2026

color chart Archives | Fiber Optic Splicing Services

Fiber Optic Color Code Chart For 144 and 288 Count Cables by admin | May 9, 2014 | Splicing This is an update on a post we made a few years ago for a 144 count fiber color identification chart.

Jul 07, 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 identification. Hexatronic offers cables with color code systems

Oct 09, 2025

Fiber Optic Color Code Identification Chart

Fiber Optic Color Code Chart For 144 And 288 Count Cables. Optical fiber cable is separated into strands, which are the individual fibers. Since then we have noticed thousands of

Jun 14, 2026

Fiber Optic Cable Color Codes: TIA-598, S12, Type E, FIN2012

Reference guide to fiber optic cable color codes: TIA-598, S12, Standard Type E, FIN2012. Identify fibers and tubes easily.

Nov 05, 2025

Color Codes and Counting Directions for Fiber Optic Cables

DIN-0888 FIN2012 The DIN-0888 color code is the most common color code system in Germany, but also used in other countries such as Switzerland, Austria and Denmark.

Mar 31, 2026

288 Fiber Optic Count Chart

Fiber Optic Color Code Chart For 144 and 288 Count Cables Preview 2 hours ago 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

Contact Us

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