

A Complete Guide to the Chromatographic Sequence of 6-Core Optical Cables



Overview

Under the TIA/EIA-598-C standard, the universal 12-color sequence is: 1-Blue, 2-Orange, 3-Green, 4-Brown, 5-Slate (Gray), 6-White, 7-Red, 8-Black, 9-Yellow, 10-Violet, 11-Rose, and 12-Aqua. This sequence repeats for cables with more than 12 fibers. This article explores the importance of the chromatographic sequence from four perspectives: fiber arrangement, color coding, numerical order. WolonFiber's 12-Color Fiber Optic Pigtail Packs are manufactured strictly to the TIA-598-C standard with vibrant, easy-to-identify colors. Available in OS2/OM3/OM4 at factory-direct wholesale pricing. How to Identify Fibers in. At present, the color of the optical fiber and fiber casing within the fiber optic cable is generally identified by full chromatography, and the use of natural color is allowed without affecting the identification. Yet, correctly identifying and sorting these cables is paramount in maintaining system efficiency and avoiding costly errors. TIA/EIA-598-C Standard Color Code for Optical.



Article Content

Jul 06, 2026

Color Arrangement Rules For Optical Fiber

The color arrangement for optical fiber cables is standardized to ensure consistent identification of individual fibers during installation, splicing, and maintenance.

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Colour Coding / Core Identification

In the following tables you can find the color code for cables and wires according to different standards. Depending on customer requirements, we can implement an individual color coding of the cores for ...

Dec 05, 2025

Chromatographic Sequence of 6-Core Optical Cable

This article explores the importance of the chromatographic sequence from four perspectives: fiber arrangement, color coding, numerical order, and industry standards.

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Color Codes and Counting Directions for Fiber Optic Cables

Color Codes and Counting Directions for Fiber Optic Cables identification of fibers and tubes in the most common cable designs. Detailed information about the color

Nov 19, 2025

Fiber Optic Color Code: Complete Guide to Cable Identification

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

Jul 20, 2026

Do You Know The Chromatographic Order Of Fiber Optics?

We all know that in the fiber optic cable, more cores are used to distinguish the difference between different cables with color, today we will introduce in detail all the colors in the fiber.

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

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.

Mar 12, 2026

6 Core Optical Fiber Cable_Specification

Specifications are correct at time of printing and subject to change or alteration without notice.

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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 ...

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Color Codes and Counting Directions For Fiber Optic Cables

The document discusses various color coding standards used to identify fibers, tubes, and ribbons in fiber optic cables. These include the TIA/EIA-598 (Bellcore) standard, the S12 standard, Standard ...

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Print Your Own FOA Guide To Fiber Optic Color Codes

Tubes containing more than 12 fibers will use binder tape to separate fibers into groups. Ribbon cables follow this color sequence also. For splicing, like color fibers are generally spliced to ensure ...

Contact Us

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