

Do you have 576-core optical fiber cables



Overview

Loosening layer twisted optical cable GYTA (2-576 core) is a type of fiber optic cable that has become increasingly popular due to its high capacity and long-distance transmission capabilities. Providing high-fiber-counts in a rugged, compact design, the enhanced coupling features ensure the ribbon stack and cable act. Fiber OSP cable, LightScope ® ZWP Single Jacket All-Dielectric, High Fiber Count, 576 fiber, Gel-Filled, Stranded Loose Tube, Singlemode G. A1, Feet jacket marking, Black jacket color Finish making your selections or clear them to view relevant specifications. It is designed with a central tube filled with water-blocking materials and surrounded by multiple layers. FISR576RZ is available for purchase but is not normally stocked. Image shown is a representation only. Exact specifications should be obtained from the product data sheet. Prysmian recently expanded its Sirocco Extreme line of microduct cables by adding a 576-fiber cable that has a diameter of 8. That is a fiber. SJ-ODF-03 576 cores ODF fiber optic provides a pre-terminated, pre-configured and reliable optical solution for the most critical applications in electrical power generation, industrial automation and control systems.



Article Content

Hot

Fiber Optic Cable Speeds: Everything You Need to Know

Fiber optic cable speeds explained with distance limits, cable types, and performance tips, including single-mode and multimode transmission for 2025 networks.

Apr 21, 2026 Hot

Fiber Optic Cable Core: Understanding Its Types and Uses

In today's world, fiber optic cables are commonly used in almost every sector as they help transmit data quickly over great distances. However, if there

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FISR576RZ Technical Data Sheet

Product Description FX Indoor, Flexible Ribbon, OS2, 576 Fibers, OFNR, Sub-Units 7.0 mm (144F), Yellow Jacket

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How Many Core In Fiber Optic Cable Do I Need

The number of fiber cores depends mainly on Interface of fiber optic connection equipment Communication type of the device Generally speaking, the

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Product Spec Sheet 576ZQ5-14700S53

The FastAccess® jacket reduces access times and limits overall risk of inadvertent fiber damage by reducing the need for sharp access tools. Dielectric or steel strength members located

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Fiber Optic Cable Types: Comprehensive Guide

Explore the different types of fiber optic cables and understand which type suits your specific needs for speed, distance, and durability.

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How to Choose the Suitable Number of Fiber Cores for

Fiber optic cables are the backbone of modern communication systems, offering high-speed data transmission over long distances with minimal

Mar 26, 2026 Hot

Ribbon Fiber Cable

Product Number: FISR576RZ Indoor Flexible Ribbon OS2 576 Fibers OFNR Sub-Units 7.0 mm (144F) FX Indoor, Flexible Ribbon, OS2, 576 Fibers, OFNR, Sub-Units 7.0 mm (144F), Yellow Jacket

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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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Fiber Optic Cable Color Code: Complete Installation and

The Fiber Optic Association promotes standardized color coding systems that enable consistent identification across different manufacturers and

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FFCDBX576-29M Panduit | Mouser

FFCDBX576-29M Panduit Fiber Optic Cables OS2 576 Fiber Indoor-Outdoor Cable OFNR-LSZH CPR Cca-s1b-d1-a1 Flexible Ribbon, MT datasheet, inventory, & pricing.

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FISR576RZ

FISR576RZ - Indoor Flexible Ribbon OS2 576 Fibers OFNR Sub-Units 7.0 mm (144F)

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Cost of Fiber Optic Cable: Pricing Guide (2026)

Discover the cost of fiber optic cable in this pricing guide. Learn material prices, installation factors, and what impacts total project costs overall.

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Fiber Selection Guide

Fiber Selection Guide How much fiber do you need? • Fiber optic cables are often custom cut to match required lengths for each cable run, or you can order a reel matching your total length and cut

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FISR576RZ

Fiber Patch Cords (484) Double-Ended Cordsets (76) Pigtailed (64) (15) Single-Ended Cordsets (1) Pre-Terminated Assemblies (498) Copper Pre-Terminated Assemblies (30) (468) AV Assemblies (10)

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The FOA Reference For Fiber Optics

High Fiber Count Cables may not be for everyone. Maybe only for a very few. A single cable that has as many fibers as 12-144 fiber cables (1728 fibers) in a

Jun 22, 2026 Hot

Submarine Optical Fiber Cable Market Size, Trends, 2035

In the submarine optical fiber cable market, the core structure segment is dominated by single-mode fibers, which are known for their long-distance

Jun 08, 2026 Hot

FISR576RZ Belden Inc. | Cables, Wires | DigiKey

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Haiti Optical Fiber Cable Manufacturers Wholesale Suppliers ...

Buy premium Haiti Optical Fiber Cable Manufacturers in bulk from verified wholesale suppliers and manufacturers. Best prices, bulk discounts, trusted deals at go4WorldBusiness .

Mar 23, 2026 Hot

Fiber Optic Cable vs Patch Cord vs Pigtail - Complete

When you build or upgrade a fiber network, the same four words pop up everywhere— fiber optic (bare fiber), pigtail, patch cord, optical cable. They're

Nov 28, 2025 Hot

8108050/DB | O-576-LN-8W-F24NS | CommScope

Read about technologies, trends and strategies that will define your network and shape our digital world in the years ahead. Visit Insights Overview to get started.

Sep 27, 2025 Hot

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

Initial Published: January 17, 2023 Although fiber optic cable is commonly part of optical networking, many technicians still need clarification with

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The advantages and disadvantages of the loosening

High Capacity: The GYTA cable can support up to 576 cores, making it one of the most powerful fiber optic cables on the market. This makes it an ideal

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SJ-ODF-03 576 Cores ODF Fiber Optic

SJ-ODF-03 576 cores ODF fiber optic provides a pre-terminated, pre-configured and reliable optical solution for the most critical applications in electrical power

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Color Arrangement Rules For Optical Fiber

For large fiber counts, tubes or fibers may also have additional markings, such as stripes or rings, to avoid confusion. Conclusion The color

Jan 19, 2026 Hot

SST-UltraRibbon™ 576 F Single-Tube, Gel-Free Cable

Providing high-fiber-counts in a rugged, compact design, the enhanced coupling features ensure the ribbon stack and cable act as one unit, providing long-term reliability in aerial, duct and direct-buried

Sep 02, 2025 Hot

576EV4-14100D53 | SST-UltraRibbon Single-Tube, Gel

Providing high-fiber-counts in a rugged, compact design, the enhanced coupling

Jan 10, 2026 Hot

576-fiber microduct cable with 8.2-mm diameter

Prysmian's Sirocco Extreme product line now includes the 576-fiber cable, with 180-micron fibers, designed to be installed in a 10-mm duct.

Dec 08, 2025 Hot

FISR576RZ Technical Data Sheet

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied.

Nov 03, 2025 Hot

How Many Cores Do You Need in Your Fiber Optic

Fiber optic cables are the backbone of modern internet infrastructure, but choosing the right one can be tricky. One key factor is the number of cores,

Feb 25, 2026 Hot

Ribbon Fiber Cable

Product Number: FISR576RZ Indoor Flexible Ribbon OS2 576 Fibers OFNR Sub-Units
7.0 mm (144F)

Apr 09, 2026

Contact Us

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