

288 Main Optical Cable



AI Overview

A 288 optical cable is a high-capacity fiber optic cable containing 288 individual optical fibers, designed for high-density data transmission in indoor, outdoor, or backbone network applications. Overview A 288 optical cable refers to a fiber optic cable that contains 288 individual fibers, which can be either singlemode (SMF) or multimode (MMF) depending on the design. These cables are used in applications requiring high bandwidth and large-scale connectivity, such as data centers, campus backbones, telecom networks, and fiber-to-the-home (FTTH) deployments.

.Construction Types Loose Tube Design: Fibers are housed in small tubes within the cable, often filled with gel or dry materials to protect against moisture and mechanical stress. This design is common for outdoor and direct-buried installations.

.Ribbonized Fibers: Fibers are grouped in flat ribbons, typically 12 fibers per ribbon, allowing mass fusion splicing and easier handling in high-density environments like data centers.

.Armoring and Jackets: Many 288-fiber cables include Corrugated Steel Tape (CST) armor for rodent protection and mechanical durability, and Low Smoke Zero Halogen (LSZH) jackets for indoor safety. Some variants are gel-free for easier installation and maintenance.

.Fiber Types and Standards Singlemode (OS2, G.652.D, G.657.A1): Optimized for long-distance transmission with low attenuation.

.Multimode (OM2, OM3, OM4): Suitable for shorter distances, such as within buildings or campus networks.

.Color Coding: Fibers are color-coded for identification, often following TIA/EIA standards.

.Applications Data Centers: High-density backbone connections using ribbonized 288-fiber cables for efficient splicing and MPO/MTP connectors.

.Telecom and Industrial Networks: Outdoor and indoor backbone cabling, including direct-buried or duct installations.

.FTTH Deployments: Ultra-high-density cables for connecting multiple homes or buildings from a central distribution point.

.Key Advantages High Capacity: Supports 288 simultaneous fiber connections in a single...

Article Content

288 Core Fiber Optic Cable

Shop high-quality 288 core fiber optic cables for outdoor use. OEM supplier of durable, efficient fiber optic solutions for various needs. Bulk orders welcome.

288 Core Optical Fiber Cable

Discover 288 core optical fiber cables with high-density core count for FTTH and telecom networks. Ideal for long-distance, high-speed data transmission.

Multi-Loose Tube Fiber Cable

Universal (Indoor/Outdoor) dry core optical fiber Multi Loose Tube cable with aramid yarns as strength member and Low Smoke Zero Halogen outer jacket. Existing out of 12 tubes with a diameter of

ALTOS® Loose Tube, Gel-Free Cable 288 F, Single

Corning ALTOS® all-dielectric gel-free cables are designed for outdoor and limited indoor use for backbones in lashed aerial and duct installations. The loose tube

ALTOS® 288 F Loose Tube, Gel-Filled Optical Fiber Cable

ALTOS® 288 F Loose Tube, Gel-Filled Optical Fiber Cable - Corning Corning ALTOS® all-dielectric cables are lightweight cables designed for duct and aerial (lashed) installation. The

288 Fiber Cable

As the leading world manufacturer of fiber optic cable, AFL is uniquely positioned to provide a full line of all-dielectric self-supporting (ADSS) aerial cables and Optical Ground Wire (OPGW) as well as

760086710 | R-288-LN-8W-F12BK/25D | CommScope

Fiber Indoor/Outdoor cable, TeraSPEED ®, Single Jacket All-Dielectric, 288 fiber, Riser Rated, Gel-Free, Stranded Loose Tube, Singlemode G.652.D and G.657.A1, Feet jacket marking, Black jacket

Fibre Optical Multi Loose Tube Cable, Outdoor, 288F

Applications Building interconnection, Backbone networks, Telecommunication and drop cable applications. Cross Section Drawing

Standard Loose Tube Singlemode Cable with 288 fibres

Universal standard loose tube optical fibre cables have been designed specifically for internal and external applications. These compact cables are extremely flexible and are quick and easy to install.

288 Cores Fiber Optic Cable

288 Cores Fiber Optic Cable, Find Details and Price about Optical Fiber Cable Non-Metallic Optical Fiber Cable from 288 Cores Fiber Optic Cable -

Opti-Core 144 and 288-Fibre Indoor Ribbon Cables, LSZH and

288 singlemode fibres for high density data center distribution applications. The fibres shall be ribbonized for easy mass fusion splicing and termination with 12-fibre MPO style connectors.

288 Fiber Optic Cable Color Code Chart | PDF

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

Enbeam OS2 Armoured CST Fibre Optic Cable Loose Tube 288 Core

Product Overview Enbeam OS2 Singlemode CST Armoured Fibre Optic Cable Loose Tube 288 Core 9/125 HDPE Fca Black, part of a huge range of OS2 fibre optic cables fully stocked at Mayflex.

FTTB Indoor Fiber Optic Cable 2-288 core Single Mode

Explore the details, specifications and video of our FTTB Indoor Fiber Optic Cable 2-288 cores Loose Tube, and order high-quality FTTB Indoor Fiber Optic Cable 2

Multi-Loose Tube Fiber Cable

Product Number: FSSL288ND Outdoor Loose Tube OS2 288 Fibers OSP Sub-Units (12F) Dry FX Outdoor, Loose Tube, OS2, 288 Fibers, OSP, Sub-Units (12F) Dry, Black Jacket Availability: Global

Micromodule FO Cable (Module 12) - 288 Fibres

Home / Fibre Optic / Cable / Outdoor Cable / Outdoor Distribution Cables / Micromodule Cable Micromodule FO Cable (Module 12) - 288 Fibres

Horizontal Outdoor Cable - 288 Fibres - Briticom

Home / Fibre Optic / Cable / Outdoor Cable / Backbone Cable / Horizontal Horizontal Outdoor Cable - 288 Fibres Briticom™ offers a wide range of indoor

288 Core CST Fibre Cable Multi Loose Tube Armoured

Offers 4 core 24 core 48 core to 288 core with different cable structure. This 288 core CST fibre cable has a corrugated steel tape CST and a CSM, flame

LSZH UltraRibbon Indoor/Outdoor Interlocking Armored, Gel-Filled

The smallest and lightest in the industry, these cables are designed to maximize the use of critical duct space with excellent installation results. The UV-resistant, flame-retardant jacket allows this cable to

288 Count OSP Fiber Optic Cable

Part Number: LWSE-288-9-C-72-4-10S1D The 250 µm fiber/250 µm pitch Wrapping Tube Cable (WTC), with SpiderWeb Ribbon® (SWR®), is an ultra-high density outside plant cable designed specifically

288ZH4-Y4F40A20

CORNING | 288ZH4-Y4F40A20 288 Fiber, OS2, Single-mode, MiniXtend HD, Outdoor, Loose Tube, SMF-28 Ultra, Binderless Fast Access, 24 Fiber/Tube, Dielectric, PE Jacket ...

288 Fibre MicroCore Stranded Loose Tube Cable with Sacrificial Sheath

288 Fibre MicroCore® Stranded Loose Tube Cable with Sacrificial Sheath MicroCore® Stranded cable comprising 288 optical fibres contained in jelly-filled loose tubes (up to 24 fibres per tube). The tubes

Multi-Loose Tube Fiber Cable

Outdoor dry core optical fiber Multi Loose Tube cable with aramid yarns as strength member, polyethylene inner jacket, Corrugated Steel Tape (Full Rodent Protected) armor and polyethylene

ALTOS® Loose Tube, Gel-Free Cable 288 F, Single

The loose tube gel-free design is fully waterblocked using craft-friendly, water-swallowable materials, which means cable access is simple and no clean up is

Custom 288 Strand Corning Outdoor Armored SM Fiber Optic Assembly

Our 288 Strand OSP Singlemode QuickTreX® Pre-Terminated Fiber Optic Assemblies Are Made In The USA With Corning Glass By Highly Trained Technicians.

288 Core Fiber Optic Cable Manufacturers & Suppliers

288 core fiber optic cable manufacturers/supplier, China 288 core fiber optic cable manufacturer & factory list, find best price in Chinese 288 core fiber optic cable manufacturers, suppliers, factories,

288 Core Fiber Optical Cable

The 288 core fiber optical cable is at the forefront of modern telecommunications and data transmission solutions. Designed for high-performance and long-distance communication, this cable type plays a

288 core adss optical cable

Discover premium quality 288 core adss optical cable designed to enhance connectivity and performance. Ideal for business buyers seeking reliable solutions.

Contact Us

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