

List of 288-core fiber optic cable models



AI Overview

288-core fiber optic cables are available in indoor ribbonized, loose tube, and armored designs for high-density data center and backbone applications.

Indoor Ribbonized CablesThe Panduit Opti-Core 288-fiber cable is designed for indoor data center distribution. It features ribbonized singlemode fibers for easy mass fusion splicing and termination with 12-fiber MPO connectors. Each ribbon has its own sub-unit tube for simplified handling, and the cable is Low Smoke Zero Halogen (LSZH) rated for flame safety. This design allows the ribbons to naturally open when the outer jacket is removed, facilitating installation and management in high-density environments.

Loose Tube Gel-Free CablesThe Corning ALTOS® 288-core loose tube cable is suitable for outdoor and limited indoor use, including aerial and duct installations. It uses a gel-free, water-blocked loose tube design with SZ-stranding to protect fibers from environmental and mechanical stress. The all-dielectric construction eliminates the need for bonding or grounding, and the medium-density polyethylene jacket provides durability and ease of stripping. This type is ideal for backbone networks requiring flexibility and mid-span access.

Armored Loose Tube CablesThe Enbeam OS2 288-core CST armored cable and Belden GCCF288 are designed for high mechanical protection and rodent resistance. They feature loose tube singlemode fibers (G.652.D compliant) with corrugated steel tape (CST) armor and LSZH or HDPE outer jackets. These cables are suitable for industrial, campus, or building backbone applications, supporting both indoor and outdoor structured wiring systems. They are compact, lightweight, and provide OS2 performance with OS1 backward compatibility.

Indoor/Outdoor Stranded Loose Tube CablesThe CommScope R-288-LN-8W-F12BK/25D is a single-jacket, all-dielectric, gel-free, stranded loose tube cable with 288 singlemode fibers (G.652.D and G.657.A1). It is riser-rated for indoor/outdoor use and features feet jacket marking for easy identification. This cab...

Article Content

Fiber Outside Plant Cables

Fiber Outside Plant Cables CommScope outside plant fiber optic cables are meticulously designed to withstand the rigors of outdoor environments while ensuring superior performance and broadband

[NVL-DB-MM2-288]

Contact Us for Price ! Direct Burial Fiber Optic Cable, multimode 50/125um 288 Core

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

TECHNICAL DATA SHEET FOR OPTICAL FIBER CABLE AIR

Fiber type Single mode Fiber material Doped silica Attenuation coefficient @ 1310 nm @ 1550 nm 0.36 dB/km 0.23dB/km Cable cut-off wavelength 1260 nm Zero-dispersion wavelength 1300 ~ 1324 nm

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.

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.

288EU4-T4101D20

Description 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 gel-free design is fully

288 Core Fiber Optic Cable Manufacturers & Suppliers

Fiber Optic Cable, Optical Fiber Cable, Outdoor Fiber Cable manufacturer / supplier in China, offering 2-288 Core Dongguan Light-Armored Optical Cable (GYTS), 2 Core Butterfly Indoor FTTH Fiber Optic

Fiber Identification Charts - 288-864 Fiber

Wrapping Tube Cable (WTC) with SpiderWeb Ribbon® (SWR®) This document provides direction on properly identifying the ribbon and individual fiber in the AFL Wrapping Tube Cable. Depending on

Fiber Optic Cable Cheat Sheet

FIBER OPTIC CABLE CHEAT SHEET Key questions to help identify the correct fiber optic cable: 1. Do you know the fiber optic count? 2, 6, 12, 24, 36, 48, 72, 96, 144, 288 10. Do you know the

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

This cable shall contain 144 or 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

Fiber Optic Cables

CommScope designs and manufactures a comprehensive line of fiber optic cables—from outside plant to indoor/outdoor and fire-rated indoor fiber cables.

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

Multi-Loose Tube Fiber Cable

Universal (Indoor/Outdoor) dry core optical fiber Multi Loose Tube cable with aramid yarns as strength member, Low Smoke Zero Halogen inner jacket, Corrugated Steel Tape (Full Rodent Protected)

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

Enbeam OS2 Armoured CST Fibre Optic Cable Loose Tube 288 Core

The singlemode fibre is G.652.D compliant low water peak grade and offers OS2 performance and OS1 backwards compatibility. These compact, lightweight cables are extremely rugged, provide rodent

Fiber Optic Cable Catalog

Fiber Optic Cable Table of Contents Introduction PCA Overview Other PCA Products Since 1986, Proterial Cable America has been developing technologically advanced copper and fiber optic

Learning About 288 Core Optical Fiber Ribbon Cable: Grades,

Discover the specs, performance, and applications of 288 core optical fiber ribbon cable. Explore grades, material standards, and its role in telecom, data centers, and high-speed networks.

Fiber Optic Cable Catalog

Our easy-payout boxes for Category 5e and Category 6 cables were designed with direct input and feedback from users. Our boxes feature dual reinforced handles and have proven to be as durable

UltraRibbon Indoor, Gel-Free Cables, 288

Providing up to 432 fibers in a rugged, compact design, the cable maximizes the use of critical duct space and can easily fit in 1.25-in inner duct. A specially formulated flame-retardant jacket allows this

288 core fiber optic cable – 288-Core Fiber Optic Cable

The term “288 core” refers to the number of individual optical fibers bundled within a single cable. Each core, or strand, is capable of transmitting data using pulses of light, enabling

SST-UltraRibbon Gel-Free Armored Cables, 288-864 Fibers

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

GCCF288 Technical Data Sheet

Product feature: This cable has improved rodent protection by Corrugated Steel Tape (Full Rodent Protected). Existing out of 12 tubes with a diameter of 2.5mm with 288 fibers (12t x 24f) MM OM2.

High Quality 288 Core Optical Fiber Cable: Composition, Types, and

Discover the composition, types, and industrial benefits of a high quality 288 core optical fiber cable. Explore its specifications, performance advantages, and applications in demanding network

Contact Us

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