

Parameters of 288-core optical cable



Article Overview

A 288-core optical fiber cable typically consists of 12 tubes with 24 fibers each, using standard TIA/EIA color coding for easy identification.

Cable Structure

A standard 288-core optical cable is often designed as a multi loose tube or ribbonized cable for high-density applications such as data centers, campus backbones, or industrial networks . Key structural features include:

- Number of Tubes: 12
- Fibers per Tube: 24
- Total Fibers: 288
- Tube Diameter: Approximately 2.5 mm
- Fiber Type: Can be MM OM2, OM3, OM4, or SM OS2 depending on application
- Strength Members: Glass yarns or aramid fibers
- Armor: Optional Corrugated Steel Tape for rodent protection
- Outer Jacket: LSZH (Low Smoke Zero Halogen) or PE for outdoor use

Fiber Color Coding

For identification, the TIA/EIA-598-C standard is applied. In high-count cables, the 12-color sequence is used for both the tube and the fiber within the tube : 12-Color Sequence:

- Blue
- Orange...

Article Content

TECHNICAL DATA SHEET FOR OPTICAL FIBER CABLE AIR

of Optical Fiber Cable 5.1 Cable bending radius: 15 x cable diameter (static) 20 x cable diameter (dynamic) OPTICAL FIBER CABLE

Multi-Loose Tube Fiber Cable

All Dielectric Indoor/Outdoor Loose Tube Gel Filled Cable Evolution of Fiber: Myth vs. Reality Belden Smart Building Solutions

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

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,

288 Fibre MicroCore® Stranded Loose Tube Cable

288 Fibre MicroCore® Stranded Loose Tube Cable MicroCore® Stranded cable comprising 288 optical fibres contained in jelly-filled

Multi-Loose Tube Fiber Cable

Outdoor dry core optical fiber Multi Loose Tube cable with glass yarns as strength member, Corrugated Steel Tape (Full Rodent

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

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.

Micro Cable, 12f x 24 (288f)

All parameters such as cable diameter, sheath friction, cable stiffness etc are optimized for best installation performance without

288KRZ-T3108A2G | Loose Tube Indoor/Outdoor Cable 24x12 G62.5

The loose tube cable construction, by isolating the fibers from installations and environmental rigors, provides stable and highly

GCCF288 Technical Data Sheet

Product feature: This cable has improved rodent protection by Corrugated Steel Tape (Full Rodent Protected). Existing out of 12

Fibre Optic Cable Horizontal 288 Fibre Outdoor Cable

Product Description Briticom® offers a wide range of indoor and outdoor fibre optic distribution, patching and consumer cables

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,

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

Data Sheets

Applications: External cable distribution Mainly adopted to the duct, on-messenger aerial, cable trench 4-5-7 km reel, G.652 D

810009727/DB | B-288-LN-8F-M24NS/17T 200 | CommScope

Fiber OSP cable, Zero Water Peak, ® Blown Micro Single Jacket All-Dielectric Outdoor Stranded Loose Tube 200um Fiber Arid-Core

Contact Us

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