

3000 meters of 4-core optical fiber communication cable



AI Overview

A 3000-meter 4-core optical fiber cable is a high-performance single-mode or multimode cable designed for long-distance data transmission with durability for indoor and outdoor use.

Key Specifications and Construction

- Core Configuration: 4 optical fibers, typically single-mode (OS2) for long-distance, high-speed transmission .
- Length: 3000 meters, suitable for extensive network installations .
- Cable Structure: Loose tube construction with jelly-filled tubes, central strength member (metallic or FRP), water-blocking yarns, and protective outer sheath .
- Outer Diameter: Approximately 5.8 mm for FTTH cables, compact and lightweight for easy installation .
- Sheath Material: LSZH (Low Smoke Zero Halogen) or flame-retardant materials for fire safety, compliant with IEC and EuroClass standards .
- Durability Features: UV resistance, water-blocking, and mechanical reinforcement with yarn or FRP layers to prevent damage during installation and environmental exposure .

Performance Characteristics

- Data Transmission: Single-mode fibers allow minimal signal loss over long distances, ideal for telecommunications, internet, and CATV applications .

Article Content

Fiber Optic Cable

Find here Fiber Optic Cable, OFC manufacturers, suppliers & exporters in India. Get contact details & address of

Fiber Optic Cable

Belden's extensive line of indoor and outdoor cable products is offered in tight buffer and loose tube designs. Armored, burial, and

4 core OM3 Armoured Optical Fibre Cable Multimode LT

4 core OM3 multimode loose tube Optical fibre cable with corrugated steel tape armour LSZH outer jacket. Buy online, Cut to order,

OMPF3000 FIBRE DATA, Fibre Optic Cable, Bare, 3mm | Newark

Buy OMPF3000 - FIBRE DATA - Fibre Optic Cable, Bare, 3mm. Newark Electronics offers fast quotes, same day dispatch, fast

Fiber Optic Cables

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

4 Strands Direct-Burial Fiber Optic Cable 300 Meters

Underground Cables without Conduits Direct-burial fiber optic cables can be directly buried in the ground,

Fiber Optic Cable Price Per Meter

Hot Sales 24 Core G655 Adss Fiber Optic Cable Price Per Meter \$160-200 MOQ: 10 kilometers Hunan Feibo

Fiber Optic Cables | Cable Assemblies | DigiKey

Shop DigiKey's large in-stock selection of Fiber Optic Cables. View inventory, pricing and order now for

Buy In Bulk Fiber Optic Cable 3000m Various Core Options

Fiber optic cable 3000m (999+ products available) All Filter Products MOQ≤5 Telecommunications Communication Cables Sunet

DS-QFV-CKS4L/3000M 4-Core Single Mode Flame Retardant Optical

" Loose tube construction, tubes jelly filled, elements (tubes and filler rods) and water blocking yarns laid up around metallic central

Underground Cable|GYXTW Armored Fiber Optic Cable

Explore the details, specifications and video of our Outdoor GYXTW Fiber Optic Cable 4 Core, and order

Loose Tube Outdoor Cable OM4, 4-Core, LC/UPC

High-quality LC-LC multi-mode OM4 Loose Tube installation outdoor cable for laying in a tube above- or

Fiber Optic Cable Buying Guide

Fiber optic cables transmit data using pulses of light instead of electrical signals. Inside the cable you can find a glass or plastic core

Fiber Optic Cable Supplier, Distributor

Stocking distributor of fiber optic installation tools, bulk fiber cables, fiber patch cables, test equipment, cable management, fiber optic

Buy In Bulk Fiber Optic Cable 3000m Various Core Options

Shop high-quality fiber optic cable 3000m from reliable suppliers. Enjoy durable, low-loss, and versatile options for your

4 Strands Pre-terminated Fiber Optic Cable 300 Meters

Pre-terminated Fiber Optic Cable is a handy and effective option enabling data transmission over fiber

Optical Communications Products

Browse our optical communication connectivity products designed to help you enable your communication networks. Easily create a

4-Core Outdoor Single Mode Fiber Optic Cable GYXTW-1000m

GYXTW is an outdoor use optical fiber cable suitable for duct and aerial applications. We supply GYXTW fiber optic cable from 2

4 core fiber optic cable manufacturer

OWIRE specializes in producing a wide range of communication cables, including 4 core fiber optic cables, designed

Fiber Optic Cables | Corning

With 2 billion kilometers of fiber optic cables installed around the globe, Corning continues to lead the

Optical Fiber | Optical Fiber Products | Corning

Optical fiber broadband brings together a culture of innovation, quality, and manufacturing excellence to create life-changing products.

Multi-mode optical fiber

Multi-mode optical fiber is a type of optical fiber mostly used for communication over short distances, such as within a building or on a

4 Core Optical Fiber Cable

Our 4 Core FTTH Single Mode Optical Fiber Cables are designed to meet the specific needs of telecom operators and ISPs. They

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://kilitech.co.za>

Email: info@kilitech.co.za

Phone: +44 20 7183 2649

Address: 1st Floor, The Shard, 32 London Bridge Street, London, SE1 9SG, United Kingdom

This document is for informational purposes only. Specifications subject to change without notice.

