

24-core single-mode optical cable 1310nm



Overview

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector. This document outlines the specifications for a single-mode optical fiber and cable designed for use around the 1310 nm zero-dispersion wavelength, suitable for both the 1310 nm and 1550 nm regions, and compatible with analogue and digital transmission. It can be used in all cable constructions, including loose tube, tight buffered, ribbon, and. Upgrade networks with our optical transceiver sfp+ 10g single mode module 1310nm 10km lc. This LC transceiver delivers effortless 10km connectivity for data centers and servers. SPEED REDEFINED: 10 Gigabit Performance for Modern Networks Subheading Focus: Bandwidth & Low Latency Speed defines. A 1310nm optical module lets you move data efficiently through fiber optic communication networks. Optimized for access and metro networks, this fiber is compliant with Recommendation ITU-T G. Mouser offers inventory, pricing, & datasheets for Singlemode 1310 nm Fiber Optic Transmitters, Receivers, Transceivers.



Article Content

Camplex HF-TSX02LC 2-Channel Duplex LC XTREME Tactical Single Mode ...

The Camplex HF-TSX02LC XTREME Tactical Fiber Optic Cable is a high-performance, rugged, cut- and rodent-resistant field-deployable fiber cable built for harsh environments like outdoor broadcasting,

Fiber Optic Patch Cables: The Complete 2026 Buyer's Guide

Confused by LC, SC, MPO, UPC, and APC? This complete fiber optic patch cable guide covers connector types, single-mode vs multimode, insertion loss specs, and how to choose the right

FCJ G652D Single Mode Optical Fiber 9/125um ITU T Standard

Key attributes Type Optic Fiber Model Number G652D Brand Name FCJ Place of Origin Zhejiang, China Fiber Type G652D Standard Compliance ITU-T G.652D, IEC 60793-2-50 Core/Cladding Diameter

The Ultimate Guide to SFP Modules (2026): Types,

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the

Singlemode 1310 nm Fiber Optic Transmitters, Receivers, Transceivers

Mouser offers inventory, pricing, & datasheets for Singlemode 1310 nm Fiber Optic Transmitters, Receivers, Transceivers.

Recommendation ITU-T G.652 (08/2024)

This document outlines the specifications for a single-mode optical fiber and cable designed for use around the 1310 nm zero-dispersion wavelength, suitable for

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 campus. Multi-mode links can

Cabo Fibra Optica ADSS Outdoor 4 6 8 10 12 24 48 96 144 Core SM Single ...

Key attributes Type Fiber Optic Cable Number of Conductors ≥ 10 Fiber Type G652D Conductor Type Solid Model Number ADSS Brand Name RC Place of Origin Jiangsu, China Brand Name RC Fiber

optical transceiver sfp+ 10g single mode module 1310nm 10km lc

The 1310nm LC Interface 10G Singlemode Dual-fiber Optical Module is the workhorse of the modern network. It combines speed, distance, and reliability into a compact package.

Boost Connectivity with Reliable optical fiber application Solutions ...

Find advanced optical fiber application answers for quick and dependable data flow. Use modern technologies to improve connection for flawless communication.

Understanding 1310nm Fiber: A Comprehensive Guide

The primary difference between single-mode 1310nm and multimode fiber is their core diameter, performance, and application. In general, single

Outdoor GYTC8S 24 Core Figure 8 Aerial Armoured Optical Fiber Cable

Type Outdoor Fiber Optic Cable Number of Conductors ≥ 10 Model Number GYTC8S 24F Brand Name RUX Place of Origin Guangdong, China Strength number Corrugated Steel Loose tube PBT

ADSS Fiber Optic Cable, ADSS Fiber Optic Cable direct from Sichuan ...

ADSS 6 12 48 96 Core Single Mode G652D Nonmetal FPR Fiber Optic Cable Product Description All-dielectric self-supporting optical cable (ADSS) is metal-free, tensile, self-supporting, high-insulation,

OEM GYXTW Light Armored Optical Cable Outdoor Duct 2 4 6 8 12 16 24 ...

Key attributes Type Fiber Optic Cable Number of Conductors ≥ 10 Fiber Type G652D Conductor Type Solid Model Number GYXTW Brand Name RC Place of Origin Jiangsu, China Brand Name RC Fiber

8-Figure Outdoor Aerial Fiber Optic Cable with 24 Core for ...

Key attributes Type Fiber Optic Cable Number of Conductors ≥ 10 Fiber Type G652D Conductor Type Solid Model Number GYXTC8S Brand Name RC Place of Origin Jiangsu, China Brand Name RC

SFP 1.25G 1310nm Single mode Optical Transceiver

SFP Description The BlueOptics© high performance, data rate up to length on single mode BlueOptics© transceivers

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector. It adopts the

Single-Mode Optical Fiber (SMF)

Draka Single-Mode Fiber (SMF) provides optimum performance in both the 1310 nm and 1550 nm wavelength operation ranges (including the 1565 - 1625 nm L-band), with a low dispersion in the

MKS Inc.

Optimized for access and metro networks, this fiber is compliant with Recommendation ITU-T G.652.D. This low attenuation, step-index fiber has a

Everything You Need to Know About 1310nm Optical

1310nm optical modules are widely used across data centers, enterprise backbones, campus networks, telecom, and broadcasting

24 Core Single Mode Fiber Optic Cable Single Tube

HES brand fiber optic cables are designed with high performance and reliability, especially focusing on single mode fiber technology to meet long-distance

S1310-CMTA, Pure Silica Core Select Cutoff SM, Optical Fiber

Coherent NuSENSOR pure silica core single-mode fibers are immune to the damaging effects of hydrogen ingress, enabling Brillouin, Rayleigh and FBG based distributed temperature and strain

ELAMU02GNZ16005M | EDGE™ 1.6 mm Single-mode Patch Cord,

Corning® SMF-28® Ultra single-mode fibres combine industry-leading attenuation and improved macrobend performance. As the industry's leading supplier of fibre, our state-of-the-art

G652D Singlemode Bare Optical Fiber 1KM with FC/UPC to FC/UPC

G652D Singlemode Bare Optical Fiber 1KM with FC/UPC to FC/UPC Connector, Low Water Peak Fiber Reel, 1310/1550nm ITU-T OTDR Bare Optic Spool, for Telecom, FTTH and CATV Transmission

Fiber Optic Pigtail 2-Core Optical Wire Indoor Single-Mode ...

UPC SC Fiber Optic Pigtail 2-Core Optical Wire Indoor Single-mode Simplex Patch Cord Cable 100M/120M/150M Type: Fiber Optic Pigtail Working Wavelength: 1310nm/1550nm Tensile Strength:

Contact Us

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

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

Email: info@jrsekwele.co.za

Phone: +31-20-794-2536

Address: Herengracht 47, 1015 BB Amsterdam, Netherlands

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

