

Fiber Optic e2000 Connector



AI Overview

The E2000 connector is a high-performance fiber optic connector featuring a spring-loaded protective shutter, push-pull locking, and ultra-low insertion loss, suitable for singlemode and multimode applications.

Key Features

- Spring-Loaded Shutter:** Protects the ferrule end-face from dust, scratches, and laser radiation, automatically closing when disconnected for safety and reliability.
- Push-Pull Locking Mechanism:** Ensures secure, easy, and quick installation with audible click confirmation when fully inserted.
- Ultra-Low Insertion Loss:** Typically ≤ 0.1 – 0.15 dB due to precise ferrule alignment and professional polishing, providing stable and efficient transmission.
- Color-Coded Frames:** Interchangeable frames allow secure line identification and error-free connections.
- Variants:** Available in singlemode (SM) and multimode (MM), with Physical Contact (PC) or Angled Physical Contact (APC, 8°) ferrule polish. APC is preferred for singlemode to reduce back reflection.
- Durability:** Rated for -40°C to 85°C , with 500–1000 insertion/removal cycles, ensuring long-term reliability.
- Compliance:** Meets IEC 61754-15, EN 186270, Telcordia GR-326, and RoHS standards.
- Specialized Versions**
 - E2000/APC:** Angled ferrule for low return loss in singlemode applications.
 - E2000/ETO:** Sterilizable, non-magnetic version for medical and MRI environments, compatible with EtO sterilization.
 - Polarization-Maintaining (PM):** High PER and return loss for specialized optical systems.
 - VIS/NIR Adaptations:** For low-wavelength and small-core fibers.
- Applications**

E2000 connectors are widely used in telecom, industrial, medical, metrology, sensing, and high-reliability environments where precision, safety, and durability are critical. They are suitable for both field assembly and factory-polished installations, including simplex and duplex configurations.
- Installation and Use**
 - Simplex and Duplex Options:** Duplex assemblies require a compact duplex clip and replacement of simplex levers with a duplex lever.
 - Adapters:** Compatible adapters are available for connecting multiple E2000 connec...

Article Content

2.5mm Optical Fiber Cleaning Pen, One Press Fiber Optic End Face ...

Universal Connector Compatibility: Designed for broad usability, this optical fiber end face cleaner works seamlessly with both male and female 2.5mm connectors including FC, SC, ST, and E2000 types,

Mini Multimode OTDR ELF-2900-M, for 850nm MM Fiber Optic Test,

Mini OTDR Fiber Optic Tester/Optical Domain Reflectometer for Multimode 850nm, 22dB/20dB, Up to 5km. Language: French, English. 3 In 1 Fiber Testing Tools□Mini OTDR,Optical Multimeter and

BlueOptics SFP3138BU2MS Fibre Optic Cable 2m | AiO.lv

Purchase the BlueOptics SFP3138BU2MS 2m fibre optic cable for reliable networking. Fast delivery available in Riga, Latvia, and across Europe.

price-of-nauru-fiber-optic-transceiver-connectors

18 Companies and suppliers for price-of-nauru-fiber-optic-transceiver-connectors Find wholesalers and contact them directly Leading B2B marketplace Find companies now!

Diamond E2000 Connectors | Premium Fibre Optic

Diamond E2000 connectors set new standards in fibre optic installation. Swiss precision, integrated safety, superior optical performance for

E-2000® Connector | PC & HRL/APC

The E-2000 is an optical fibre plug connector with push-pull locking mechanism and a self-closing dust protection flap. The connector is available for both singlemode and multimode applications.

E2000 Connectors

E-2000® is an optical fiber plug connector, available for both single mode and multi-mode applications, featuring a spring-loaded shutter and dust-cap. The E-2000 Connector series is a type of fiber optic

madagascar-fiber-optic-cable-manufacturer

We are your specialist for fiber optic cables and custom cable assemblies. With us, you will receive ready-to-connect fiber optic cables in any required configuration, with all connector types and...

FSG Networks - MT Ferrule, MPO Connector & MPO

Quality All products, including 24 fiber MT ferrules, MPO patch cables, and MTP/MPO optical connectors, comply with Telcordia GR-1435-Core and IEC

E-2000® connector | optical fiber plug connector

The E-2000 is an optical fiber plug connector with push-pull locking mechanism and a self-closing dust protection flap. The connector is available for both singlemode and multimode applications.

Fiber pigtails: buy online at EFB-Elektronik

Fiber optic pigtails play a central role in fiber optic cabling and, in combination with professional splicing technology, ensure maximum efficiency and low attenuation

E2000 vs. LC Connectors | Fibre Optic Guide

Compare E2000 and LC connectors: technical specs, port density, installation time, and TCO. Choose the right connector for your fibre optic infrastructure.

Distributors: Splice Boxes & Optical Network Terminal

All common connector types are possible, e.g. LC, SC, E2000® or ST. The splice boxes are usually installed in 19" network or server cabinets. Once installed,

FOCC Fiber® | Fiber Optic Solutions & Component

FOCC Fiber provides professional-grade fiber optic solutions, from high-precision assemblies and FTTA kits to turnkey production line equipment. Driving optical

Sticklers™ CleanClicker® Fiber Optic Connector Cleaner ...

Buy Sticklers™ CleanClicker® Fiber Optic Connector Cleaner Refill for FC/SC/ST/APC/UPC/E2000 Connectors, 2.50mm, 750 Cleans, 2 per Package: Optical - Amazon FREE DELIVERY possible

E-2000 Connector

The E-2000™ Connector offers a spring-loaded shutter mechanism that protects the ferrule end-face from scratches and dust while locking out potentially eye damaging laser radiation.

LSH-LSH (E2000 compatible) G.657.A Singlemode Fiber Duplex

BlueOptics compatible SFP3838 ##Length## G.657.A1 fiber optic E2000-E2000 patch cables transmit optical signals and are designed, for example, for connecting patch panel ports to

LSH-LC G.657.A Singlemode Fiber Duplex Patch cord

BlueOptics compatible SFP3138 ##Length## G.657.A1 fiber optic LC-E2000 patch cables transmit optical signals and are designed, for example, for connecting patch panel ports to each other or the

E2000 Connectors

E2000 Connectors is a detachable (movable) connection device between optical fiber and optical fiber, which connects the two end faces of the optical fiber in a precise manner to minimize the loss caused

belarusian-fiber-optic-connector-prices Manufacturer/Producer

We are your specialist for fiber optic cables and custom cable assemblies. With us, you will receive ready-to-connect fiber optic cables in any required configuration, with all connector types and...

PANDUIT® E2000 Fibre Optic Solution Guide

OPTICOM® E2000 fibre optic products provide a flexible and modular system with components for fibre termination, splicing, and patching in all applications with superior patch field access, easy

E-2000® Connector | High-Performance Fiber Optics

The E-2000® connector, invented by DIAMOND, delivers unmatched reliability and precision in fiber-optic interconnects - making it the ideal choice for critical

E2000 Fiber Optic Connector : sFiberOptic

The E-2000 Connector Series is one of the few fiber optic connectors featuring a spring-loaded shutter which fully protects the ferrule from dust and scratches.

Online Bulk Cable Company | CableWholesale

As a premier online bulk cable company, CableWholesale carries a large inventory of computer cables, USB, HDMI, fiber optic, VGA cables, and more. Shop now!

Fiber Optic Pigtail: Types, Splicing Guide, Specs & Price

Fiber Optic Pigtail: Types, Splicing Guide, Specs & Price You open a splice closure and find a 1-meter tail of fiber with a connector on one end and bare glass on the other. That

Contact Us

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

Website: <https://www.mr-security.co.za>

Email: info@mr-security.co.za

Phone: +33 1 45 23 67 81

Address: 10 Rue de la Paix, 75002 Paris, France

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

