

Introduction to the E2000 Fiber Optic Patch Cord



Article Overview

The E2000 fiber optic patch cord is a high-performance connector with a spring-loaded shutter, designed for safe, reliable, and low-loss optical connections, widely used in European telecom and high-power optical networks.

Key Features

The E2000 connector is a single-fiber 2.5mm ferrule connector with a spring-loaded shutter that automatically blocks the optical path when unmated, providing laser eye safety and preventing contamination of the ferrule end-face . It is available in UPC (Ultra Physical Contact) and APC (Angled Physical Contact) polish types, offering low insertion loss and high return loss ($\geq 55\text{dB}$ for UPC, $\geq 65\text{dB}$ for APC), suitable for both telecom and broadcast applications . The connector is compact, durable, and ensures stable plug-in performance, making it ideal for data centers, industrial networks, and high-security environments .

Design and Construction

The E2000 patch cord features a zirconia ceramic ferrule for precise alignment and minimal signal loss . Its integrated spring-loaded dust shutter automatically covers the ferrule when disconnected, maintaining cleanliness and safety. The connector engages with E2000 adapters that contain a spring-loaded plate, which opens the shutter when the connector is inserted and closes it when removed . This design is unique among major fiber optic connectors and is standardized under IEC 61754-15.

Applications

Article Content

Simplex E2000/APC SM Fiber Optic Patch Cord

In the meanwhile, we offer Corning fiber jumpers (Corning fiber patch cords) to meet customers' specific requirement. The

E2000 Fiber Optic Patch Cord

Constant innovation in the field of fiber optics has created demand for products with ever increasing performance requirements. The

DIAMOND E-2000 Fiber Optic Components

E-2000™ fiber optic connector family can cover the most standard and customized requirements in response to the increasingly

FIBRE PATCH

FIBRE PATCH They comprise two tight buffer fibres housed within an individual outer jacket in OM1, OM2, OM3, OM4, OS1, OS2

E2000 to LC Fiber Optic Patch Cables, E2000-LC Fiber Optic Patch Cords

E2000 Fiber Optic Patch Cable The E-2000 fiber optic patch cable system is to address the customers' highest expectations. The E

PANDUIT® E2000 Fibre Optic Solution Guide

OPTICOM® E2000 fibre optic products provide a flexible and modular system with components for fibre termination, splicing, and

E2000 Patch Cords Features Applications

Features E2000 connectors with metal shutter Available as hybrid patch cords with FC, LC, SC or ST connectors Available in

E2000 Fiber Optic Patch Cords

Product Description: E2000 APC fiber optic patch cord is a product used to interconnect transmission equipment to the fiber

E2000 Fiber Connector: Where and Why It's Used

The E2000 fiber connector explained. Spring-loaded shutter mechanism, eye-safety design, push-pull engagement, applications in

E2000 Fiber Patch Cable

We are supplier of E2000 fiber optic cable assemblies, product include E2000-LC, E2000-SC, E2000-ST, E2000-FC, E2000-MU, E2000

E2000FiberOpticPatchcord

Accurate alignment: Provide precise fiber slow axis alignment technology for specific needs, such as polarization maintaining fiber

LC to E2000 Fiber Optic Patch Cables, LC-E2000 Fiber Optic Patch Cords

LC to E2000 Fiber Optic Patch Cable LC Fiber Optic Patch Cable The LC fiber optic patch cable is with a small form factor (SFF)

E2000 to ST Fiber Patch Cable Overview

For the quotes of our E2000 to ST Fiber Patch Cables and other fiber patch cord, please contact a Sopto representative by calling 86

E2000 Fiber Optic Patch Cord — UPC & APC | TTI

E2000 fiber optic patch cord with integrated spring-loaded dust shutter for eye safety and contamination protection. Available in UPC

E2000 Patch Cords Features Applications

E2000 Patch Cords High performance E2000 patch cords, manufactured for internal applications using high quality Low Smoke Zero

E2000 APC Fiber Optic Patch Cord

Our fiber optic patch cords come in both single-mode and multimode options. Each is built with a high-precision zirconia ceramic

Fiber Optic Connector | Fiber Connector | E2000 Connector | LongXing

Overview Fiber optic connector is an important components used in the fiber optic network. It is also the key part used in fiber optic

E2000 Fiber Optic Assemblies

Our E2000 fiber optic assemblies are the first choice for industrial high-speed networks and wireless applications. Read more here

E2000 Fiber Optic Patch Cable Cord

E2000 fiber patch cable connectors is one of the newly developed fiber optic connector, it has a spring-loaded shutter used to protect

E2000-E2000 Patch Cord

E2000-E2000 OS2 single-mode simplex patch cord, LSZH jacket with built-in dust shutter design Built-in dust shutter prevents

E2000-E2000 Fiber Optic Patchcord-JPT Laser

PT offers a wide range of fiber optic patchcords with low insertion loss, high stability, and excellent mechanical performance. Ideal for

Contact Us

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