

Which company makes the best low-loss E2000 connector



Overview

DIAMOND is the inventor of the E-2000® connector (early 1990s) and developer of the patented Active Core Alignment (ACA) technology for active micro-alignment of the fibre core. Result: typical insertion loss ≤ 0.25 dB and return loss of > 60 dB (APC), making it the preferred choice for demanding FTTH projects and data centres. With a guaranteed lifespan of at least 1,000 mating cycles and a temperature range of -40°C to $+85^{\circ}\text{C}$, it meets the highest. Within our factory, we operate first-class equipment and have an expert manufacturing history of nearly 2 decades, allowing us to provide top of the line fiber optic cables, fiber connectors, fiber optic adapters, fiber optic enclosures and cabinets, and more. Now more than ever the low optical loss provided by Diamond's Accurate Core Alignment process supports those. 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 to the optical link, so that the light energy output from the transmitting optical fiber can be.



Article Content

Apr 23, 2026

E2000 connector has 0.1-dB insertion loss, 80-dB return loss

trans data elektronik's (tde) E2000 connector achieves 0.1-dB insertion loss and 80-dB return loss, the company says, "thanks to

Mar 22, 2026

E2000 Fiber Optic Assemblies

These connectors are excellent for data centers and high-speed LANs. Bolstered by our close-fit components and optimized

Jun 28, 2026

E2000 Connector | Cabling Solutions | KOC

As a leading fiber cable product manufacturer, KOC provides you various fiber connectors. Our E2000 connector features high

Nov 26, 2025

E2000 Fiber Connector: Where and Why It's Used

E2000 Fiber Connector: Where and Why It's Used The E2000 connector is rare in North America but ubiquitous in European telecom

Aug 01, 2025

E2000 Connector Specifications & Standards | Fiber Products

In 1RU systems, up to 96 fibres can be terminated with E2000 connectors — twice as many as standard solutions.

Jan 27, 2026

Diamond E2000 Connectors | Fiber Products Premium Splice Solutions

Fiber Products GmbH is the authorised production partner of DIAMOND SA (Losone, Switzerland). The complete E

May 28, 2026

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

Jul 01, 2026

E2000 Fiber Optic Cable Assemblies, Singlemode / Multimode,

With a insertion loss of less than 0.1dB, APC return loss of more than 85dB makes this connector system ideal for high-performance

Aug 04, 2025

E-2000 Connector

The E-2000™ Connector offers a spring-loaded shutter mechanism that protects the ferrule end-face from scratches and dust while

Nov 06, 2025

E2000 Connector

Overall, the E2000/LX-5 connector is an improved version of the traditional LC connector, offering better performance and security.

Jun 13, 2026

CTEC Fibre Optics

This E2000/APC offers unparalleled insertion loss mating figures, exhibits exceptional repeatability, whilst maintaining the already

Dec 16, 2025

E2000 Fiber Optic Assemblies

The Cables Unlimited E2000 connector features low insertion loss, with low back reflection. The E2000 connector is suitable for high

Feb 10, 2026

DATA_SH_E-2000

VWL 064.475 15.08.2018 / V3.2 / Dei Our Connectors are the key components for a low loss, broad-band data transmission in fiber

Nov 23, 2025

E2000 Apc Connector Explained: Key Specifications, Features, and

The E2000/APC (Angled Physical Contact) fiber optic connector is a high-performance solution designed for environments where

Mar 19, 2026

Reliable E-2000 Patch Cord for High-Speed Fiber Optic Links

The connectors are precisely polished to ensure minimal optical signal loss, and the fibers are carefully aligned to guarantee a

Dec 16, 2025

E-2000 CONNECTOR

The SENKO E-2000™ Connector is a high-performance robust design. It offers a spring-loaded shutter mechanism that protects the

Jul 26, 2026

E2000 Connector Specifications & Standards | Fiber Products

E2000 connector technical specifications, standards and performance data. IEC 61754-15 compliant with 60dB return

Jul 10, 2026

Fiber Optic Connector E2000

Through ACA, the insertion loss can be reduced to a minimum value of 0.1dB. Meanwhile, the E2000 has a Spring-loaded protective

Sep 24, 2025

e2000 connector: High-Performance Fiber Optic Solution

Discover top e2000 connector options with low insertion loss, high return loss, and Telcordia GR-326 compliance. Click to explore

Dec 21, 2025

CTEC Fibre Optics

E2000 PS High Power Connector Overview Greater network traffic demands, coupled with innovative technologies designed to

Mar 13, 2026

Huber+Suhner shows high-performance E2000 connector

Huber+Suhner has been manufacturing and selling the E-2000 optical connector under license for more than 20 years. Although the

Feb 12, 2026

E-2000® Connector

Developed by Diamond Sa and unrivaled in performance, this industry trailblazer has not only stood the test of time

Dec 07, 2025

Fiber Optic Connector | Fiber Connector | E2000 Connector | LongXing

E2000 fiber optic connector has a push-pull coupling mechanism, with an automatic metal shutter in the connector and adapter as

Oct 13, 2025

CTEC Fibre Optics

Fibre optic E2000 connector. E2000/PC & E2000/UPC Connector Overview CTEC supplies possibly the highest quality E2000

Dec 09, 2025

ADP-ST-SX

Fiber Optic Adapters Characteristics Simplex E2000 Adapters ... SAMM offers LSH/E-2000 adapters in different variations. LSH/E

Mar 09, 2026

E2000 Optical Fiber Connectors | HYC Co., Ltd

The E2000 connector provided by HYC has the advantages of more convenient insertion and removal, low insertion

Sep 15, 2025

E-2000® Connector | High-Performance Fiber Optics

The E-2000® connector by DIAMOND - inventor of this reliable, high-performance fiber optic solution -

Jul 25, 2026

E2000 Connectors

E2000 Connectors is a detachable (movable) connection device between optical fiber and optical fiber, which connects the two end

Contact Us

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

Website: <https://www.greatpremiersolutions.co.za>

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

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

