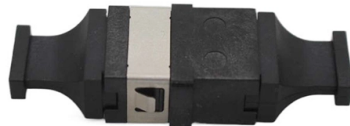


Diamondsa fiber optic coupler



Overview

DIAMOND PS+ is our most advanced high power fiber optic connector interface, designed to handle up to 16W optical power on single mode fibers. Built with Graded Index Fibers (GIF) for superior beam expansion and optical performance, PS+ offers lower insertion and return loss. Built on decades of precision engineering, DIAMOND SA offers fiber optic products that set the standard for performance and reliability. From proprietary ferrule technology to custom assemblies, we deliver solutions that meet the highest demands. As a trusted designer, manufacturer, and producer, we bring unparalleled precision, reliability, and adaptability to every project. Diamond's two-component ferrule includes, a zirconium-ceramic sleeve and a titanium insert, that allows for the centering of the fiber core with the mechanical axis of. Our operation is focused on the manufacture and assembly of high performance fiber optic interconnect solutions. In addition to the EIC with the use of the FIC the useable wavelength range is increased to 13, 1,1 9,3 8,0 NFI UT P ris end.



Article Content

Swiss High-Precision Fiber Optic Products | DIAMOND SA

Discover DIAMOND SA's high-performance fiber optic products, from advanced connectors to custom assemblies. Built with our proprietary ferrule technology,

DIAMOND FIC Fiber Optic Components

DESIGNS Supplied in various housing sizes with bare fibre pigtails, loose buffered tube pigtails or reinforced cable pigtails Couplers with more than two outlets are available as truly fused

Fiber Optic Solutions for High-Performance | Diamond SA

Innovating High-Performance Fiber Optic Solutions At DIAMOND, we combine decades of experience in high-performance fiber optic solutions with state-of-the-art infrastructure to meet your most

F-SMA Connector | High-Power Multimode Fiber Optic

The F-SMA connector by DIAMOND SA features a robust stainless steel housing, high power handling, and a screw-on coupling mechanism. Proven in industrial,

SC Connector | IEC-Compliant, High-Precision Fiber

The SC connector by DIAMOND SA is an IEC-compliant fiber optic solution offering high precision, low insertion loss, and push-pull operation. Ideal for telecom,

Optical connector

Find out all of the information about the DIAMOND SA product: optical connector E-2000® series. Contact a supplier or the parent company directly to get a quote or

Leistungsstarke Fiber Optik Lösungen | DIAMOND SA

DIAMOND SA bietet innovative Fiber Optik Technologien. Schweizer Präzision für leistungsstarke Glasfaserverbindungen in Hightech-Branchen weltweit.

F-3000® Connector | Compact High-Performance

The F-3000® connector delivers compact, LC-compatible fiber optic connectivity with F-3000® s version (without protection cap) —ideal for high-density telecom,

Leistungsstarke Faseroptik-Lösungen | DIAMOND GmbH

Ob in der Luft- und Raumfahrt, der Photonik, der Quanten- oder Halbleitertechnologie oder darüber hinaus - DIAMOND ist Ihr Partner bei der

fiber optic adaptors | B2B companies and suppliers | europages

32 Companies and suppliers for fiber optic adaptors Find wholesalers and contact them directly Leading B2B marketplace Find companies now!

Diamond SA, profile with contact details and 11

Diamond's fiber optic patch cords and assemblies accommodate a variety of cable types and constructions, making them ideal for a wide range of applications. Our

DMI Connector | Miniature Fiber Optic for PCB & Photonics

The DMI connector by DIAMOND SA is a miniature fiber optic solution with an ultra-small footprint—ideal for PCB integration and photonics applications requiring precision, compactness, and

About DIAMOND SA – Fiber Optic Excellence Since 1980

Learn more about DIAMOND SA, a global leader in high-precision fiber optic solutions. Since 1980, we have combined Swiss engineering with innovation to

Latest News & Updates from DIAMOND SA

Stay informed with the latest news from DIAMOND SA, including product releases, company updates, event highlights, and fiber optic technology insights.

Bayonet Fiber Optic with 2.5 mm Ferrule

The ST connector by DIAMOND SA features a robust bayonet coupling, 2.5 mm zirconia ferrule, and anti-rotation keying. Compliant with IEC 61754-2, it's ideal

G& H Fiber Optics | Components And Modules

G& H's line of active and passive fiber optics components and modules offer performance and reliability, whether you want a customized or

Fiber Optic Connectors | Diamond SA | Jan 2025 | Photonics Spectra

LOSONE, Switzerland, Jan. 30, 2025 — DIAMOND SA's ultralow loss fiber optic connectors leverage the company's active core alignment technology for communications and telecommunications

Fiber Optic Connectors | Diamond SA | Jan 2025 | Photonics Spectra

The technology reduces losses caused by lateral and angular misalignment of fibers, and features a measurement wavelength of 1550 nm, average insertion loss of 0.017 dB, and a maximum

FC Adapter | Precision Threaded Fiber Interface

The FC adapter by DIAMOND SA offers secure, vibration-resistant fiber coupling with a ceramic alignment sleeve. Supports SM, MM, PM, and PZ fibers and

DMI Adapter | Miniature Fiber Interface | DIAMOND SA

The DMI adapter by DIAMOND SA is a miniature fiber optic interface with a compact footprint—perfect for PCB and photonics integration where space, precision, and

Contact Us

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