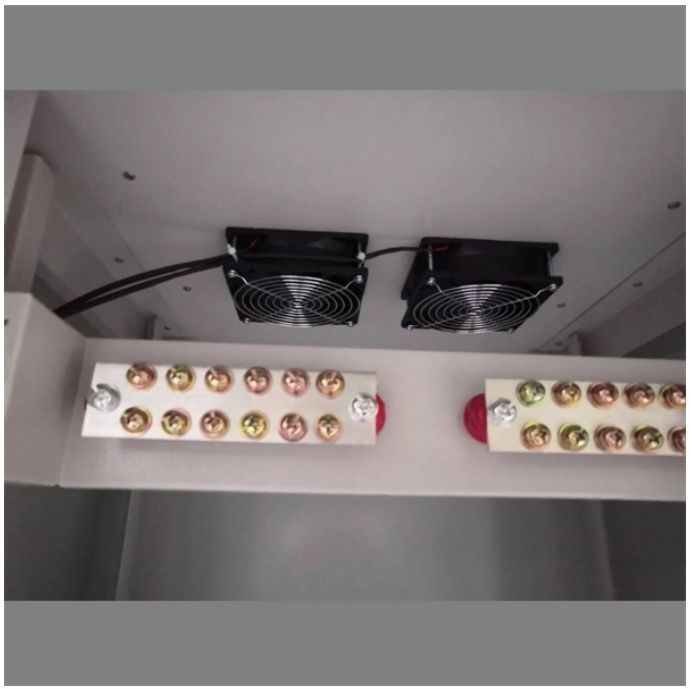
High-precision customization process for fiber optic adapters used on islands



Overview

Key steps in the manufacturing process include: Molding and shaping the adapter housing. SEDI-ATI helps you overcome your challenges! Our mission at SEDI-ATI is to design and manufacture turnkey fiber-optic solutions to enable you to transport photons in any environment, whatever your constraints! Technical support and Research & Development (R&D) are the two pillars that enable. With advanced production lines, strict quality management, and rich experience in fiber optic connectivity, we provide complete OEM (Original Equipment Manufacturing), ODM (Original Design Manufacturing), and custom cable assembly services for global clients. From concept to cable — Fibermania Link. To achieve this, we have established a comprehensive production inspection process to guarantee the highest quality in every adapter we produce. Raw Material Selection and Inspection The foundation of any high-quality fiber optic adapter lies in the materials used in its production. We build complete Plug & Play solutions for demanding conditions in defense, offshore and industrial environments. QPC Fiber Optic is

© 2026 Indzawo Optic Connect - All rights reserved

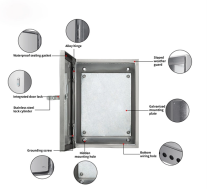
an optical technology company headquartered in Southern California with locations in Laguna Niguel, California (Design Engineering, CNC Machining, Connectors, and Cable Assemblies) and Eastlake, Ohio (Advanced / Automated CNC Machining), serving customers worldwide since 1999.

© 2026 Indzawo Optic Connect - All rights reserved

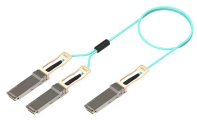
High-precision customization process for fiber optic adapters used



The production of fiber optic adapters requires precision engineering. Our skilled technicians use advanced CNC machinery, laser welding, and automated assembly systems to manufacture the ...



Your assemblies can be customized, from the optical fiber to the output connector, including the type of cladding and coating, the connectors, and the manufacturing ...



Your assemblies can be customized, from the optical fiber to the output connector, including the type of cladding and coating, the connectors, and the manufacturing materials used.



Introducing the entire process of customizing fiber optic products for our international customers, along with a step-by-step flowchart illustrating how it works.



Want to make your personalized fiber optic devices? With flexibility and expertise being at the core of our comprehensive product customization service, we have a set of processes and services to meet ...

© 2026 Indzawo Optic Connect - All rights reserved



Want to make your personalized fiber optic devices? With flexibility and expertise being at the core of our comprehensive product customization service, we have a ...



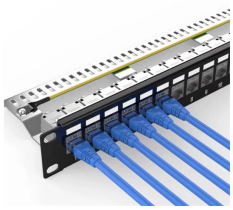
A fiber-optic adapter, also called a coupler, is a passive mechanical device used to mate and align two fiber connectors. This allows light to pass from one optical fiber to another with minimal loss.



A fiber-optic adapter, also called a coupler, is a passive mechanical device used to mate and align two fiber connectors. This allows light to pass from one optical ...



We build complete Plug & Play solutions for demanding conditions in defense, offshore and industrial environments, based on high-quality fiber optic cables and connectors.

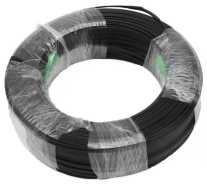


We specialize in designing and manufacturing fiber optic connectors, fiber optic cable assemblies, and custom fiber optic products for use in harsh environments.



Our fiber optic adapters are essential components for connecting two fiber optic connectors with precision, providing stable transmission and minimal signal loss.

© 2026 Indzawo Optic Connect - All rights reserved

	Discover how FS end-to-end process, from in-depth consultation and precision design to rigorous validation, and then delivers tailored MTP®, standard, armored, and industrial fiber jumpers ...
	With an advanced high-density design for next-generation 400G QSFP-DD and OSFP transceivers, SN Adapters and Cable Assemblies offer up to 4 times more density and feature a push-pull boot that ...

Contact Us

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

Website: https://www.indzawo.co.za
Email: sales@indzawo.co.za
Phone: +27 71 296 8473
Address: 22 Quantum Street, Midrand, 1685, Gauteng, South Africa

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

© 2026 Indzawo Optic Connect - All rights reserved