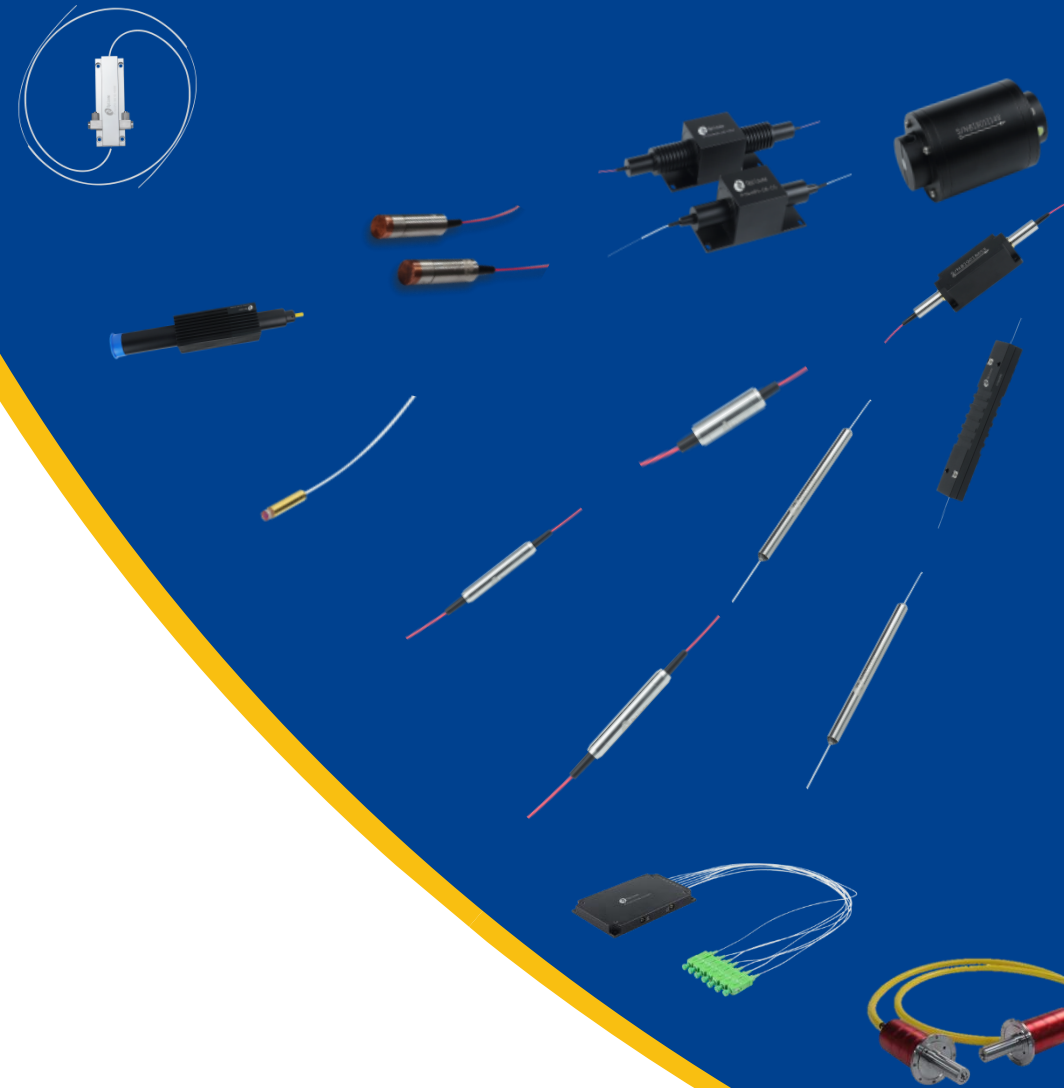


Pursue for Excellence in Optics

Optizone Technology

光越科技（深圳）有限公司

Speicalized in High Power & PM Components



OPTIZONE

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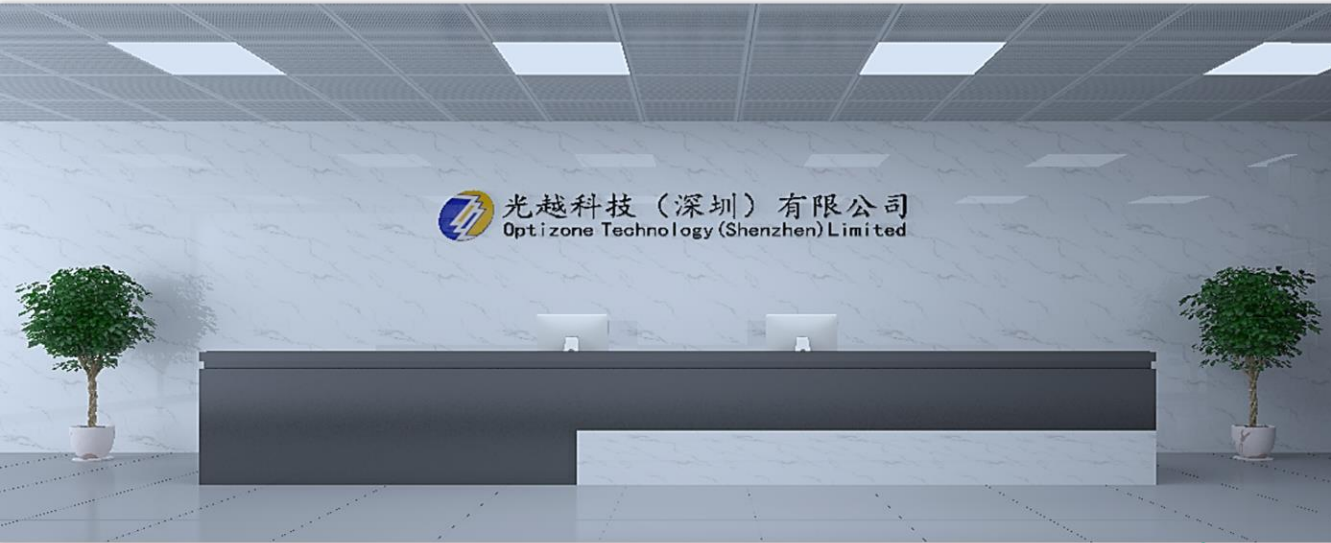
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OPTIZONE



01
About Us



Established since 2007, Optizone is a national high-tech enterprise integrating R&D, production and marketing of optical components. It is an industry-university-research base that extensively cooperates with prestigious universities, having a broad mind concept in open interactions, independent R&D and continuous innovation.

Optizone focuses on providing customers with cost-effective, differentiated and specialized products, solutions, cooperation and services. Product applications and customers cover laser processing, quantum communications, optical fiber sensing, biomedical, aerospace and other fields. At present, we have steadily grown into a market leader in PM fiber devices and high power laser devices. In particular:

- We set up the first mass-produced high power optical isolator production line in China.
- We develop the optical module used in " Quantum Experiments at Space Scale/QUESS" quantum satellite transceiver.
- We are China's large-scale R&D and production base for high-power energy transmission optical cables.
- We have specific R&D and production base in ultrafast laser passive components.
- We are a top level supplier of ultra-high performance PM optical fiber components.

Optizone Vision

To become an outstanding technology enterprise in optics

Optizone Mission

Realize sustainable development through value creation and share results with employees, shareholders, partners and society

Optizone Core Value

Honesty, Responsibility,
Efficiency, Enterprising

Business Philosophy

Act with Integrity & Ambition, Thereby Create A Win-Win Situation

2012

- New Product Launched - Pioneered in the Development of Domestic 50~70W Collimated Beam Output Isolator
- New Product Launched - Pioneered in the Development of Domestic Magewatt Ultrafast Pulsed Laser Device
- Participated in “QUESS” Projects & Beijing-Shanghai Trunk Line Quantum Engineering Project

2010

- Became the Largest High Power Isolator Supplier in China
- New Product launched - High Power Large Beam Collimator

2008

- Design & Development in High Power Isolator

2011

- New Product Launched - 30~50W Collimated Beam Output Isolator
- New Product Launched - 20W In-line Isolator

2009

- Achieved ISO 9001 Certification
- Successfully Localized High Power Isolator in China

2007

- Optizone Began Operation
- Initiated PM & High Power Components as our Key Development

2018

- New Product Launched – 200W In-line Air-cooled Isolator
- New Product Launched – 1st Edition Ytterbium Doped Picosecond Fiber Laser Module
- Started Mass Production in 8kW Fiber Optical Cable (QBH)

2017

- Quantum Engineering Project of Beijing-Shanghai Trunk Line successfully completed technical review & acceptance
- Started Mass Production in 6kW Fiber Optical Cable (QBH)
- Started Mass Production in 1kW Large Beam Collimator (QCS)
- Started Mass Production in 200W Air-cooled Isolator

2015

- Started Mass Production in kW Fiber Optical Cable (QBH)
- Started Mass Production in 500W Large Beam Collimator

2013

- Attained National High-Tech Enterprise Certification
- Started Mass Production in OCT Optical Module
- Started Mass Production in Double Clad Pump Combiner

2016

- In Conjunction with the “QUESS” project successfully launched, we became the main supplier of quantum communication module device
- Started Mass Production in 100W In-line Water-cooled Isolator
- Started Mass Production in 150W In-line Air-cooled Isolator
- Started Mass Production in 4kW Fiber Optical Cable (QBH)
- Started Mass Production in Dual Head Fiber Optical Cable (QBH)

2014

- Started Mass Production in kW Large Beam Collimator
- Started Mass Production in 100W Collimated Beam Output Isolator

2021

- Participated in Chinese Space Station Project
- Provide Core Cascaded BS Key Components for Quantum Computer “Jiuzhang”
- New Product Launched - QD series Fiber Optical Cable
- New Product Launched - Lensed Fiber
- New Product Launched - Metalized Fiber
- New Product Launched - An entire series of optical passive components used in Ultrafast Laser
- New Product Launched - 300W In-line Air-cooled Isolator
- New Product Launched - 10mm Large Clear Aperture Free Space Isolator
- In view of business growth, personnel & factory expansion by additional 25%

2020

- New Product Launched - Ytterbium Doped Picosecond Fiber Laser Module
- New Product Launched - Long Service Life Passive Module Ultrafast Seed Laser
- New Product Launched - Ultrafast Laser Optical Module
- New Product Launched - Polarization Maintaining Fiber Array
- New Product Launched - Ultrafast Laser Fiber Coupled Transmission Module

2019

- Obtained support from Shenzhen Government in developing kW Isolator for Industrial Pulsed Laser
- Began the Research & Development of Lensed Fiber
- Successfully Developed High ER Value PM Optical Components
- Acquired the title of Top 100 Small/Medium Enterprises from Shenzhen Longhua District

At present, Optizone has a total workforce of 320 employees with a complete organizational structure and uniform function distribution. There are 42 scientific researchers, about 60% of whom have bachelor's degree or above, including 2 PhD and 5 master graduated. The average age of our R&D team is 35 years, and average working experience in the industry is 10 years. In conjunction, we have a technical advisor team which comprises of 5 professors from various institutes & R&D Center. Our R&D innovation ability are ranked among the top in the industry.

Sales Personnel

8.4%



Management Personnel

9.6%



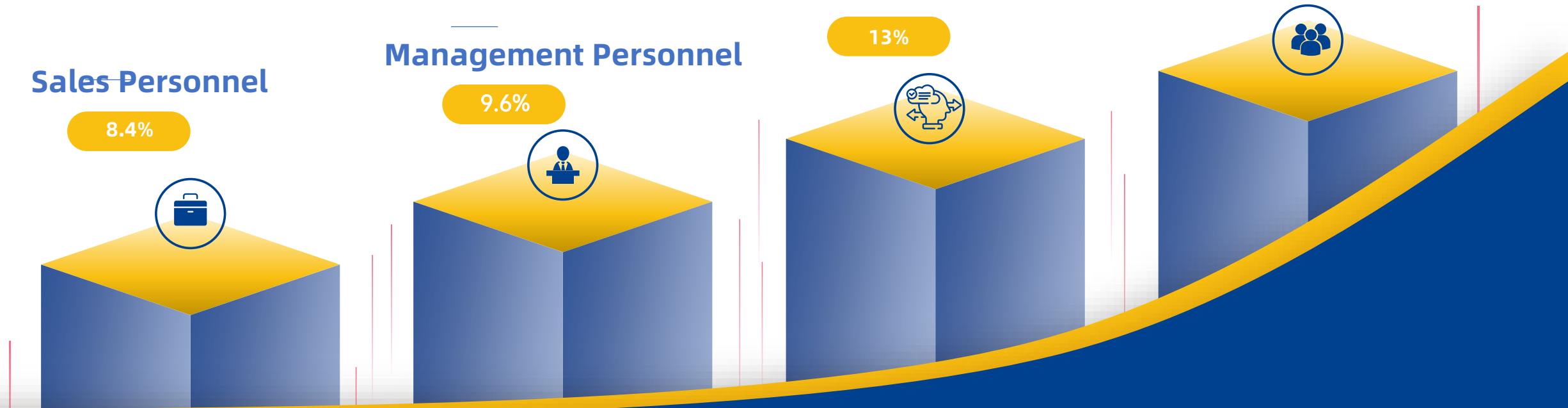
R&D/Engineering Personnel

13%



Production Personnel

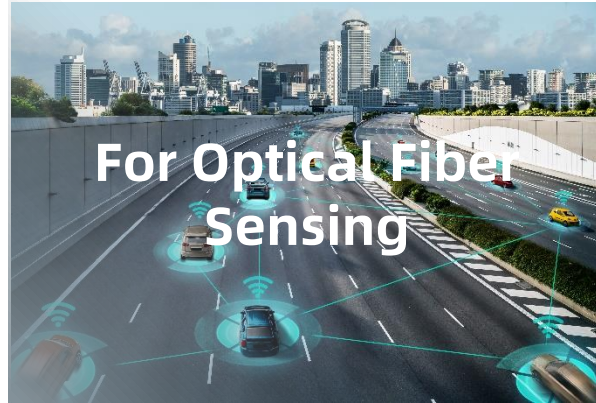
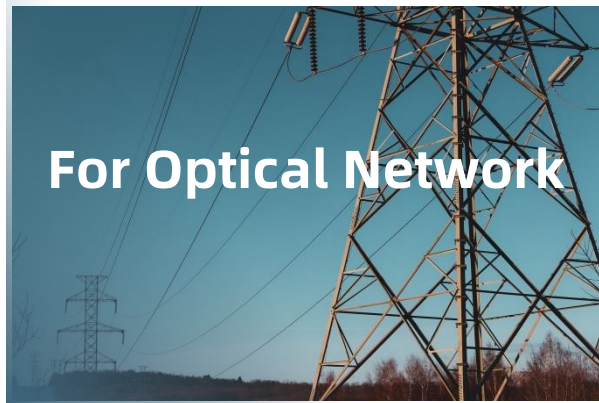
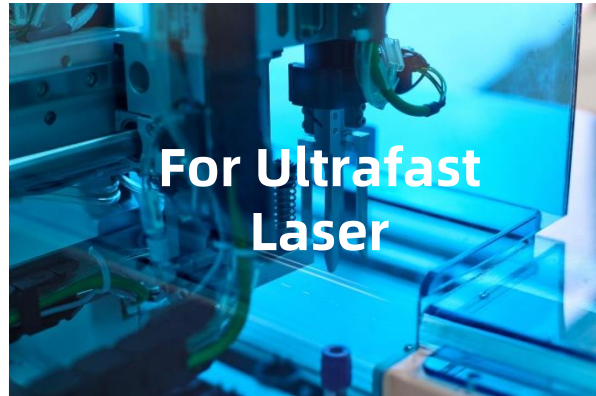
69%

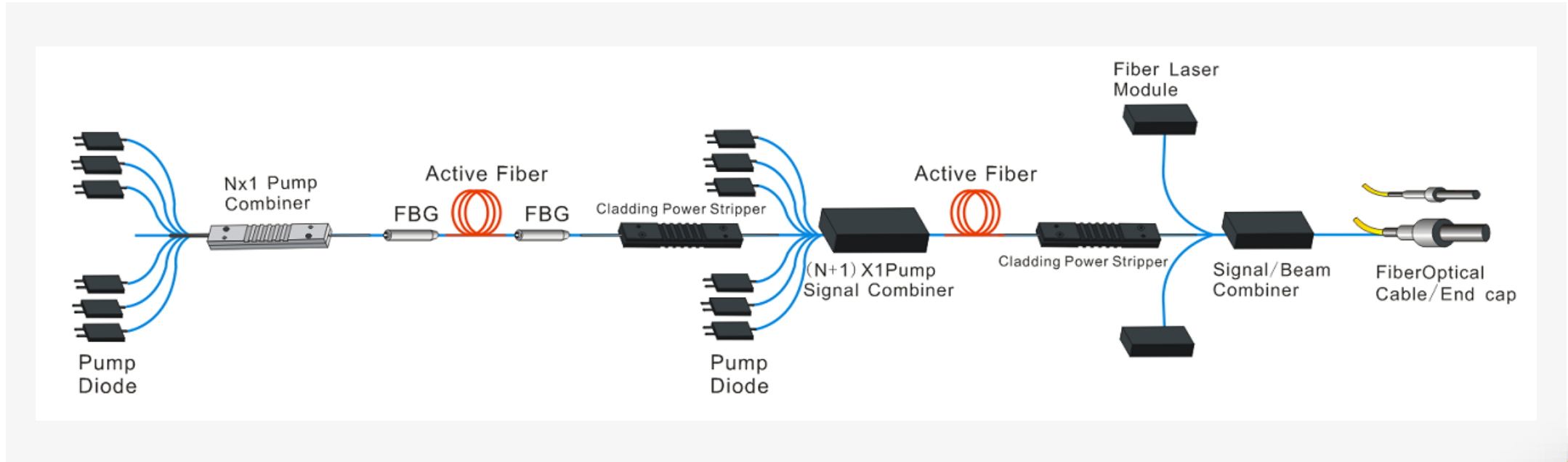


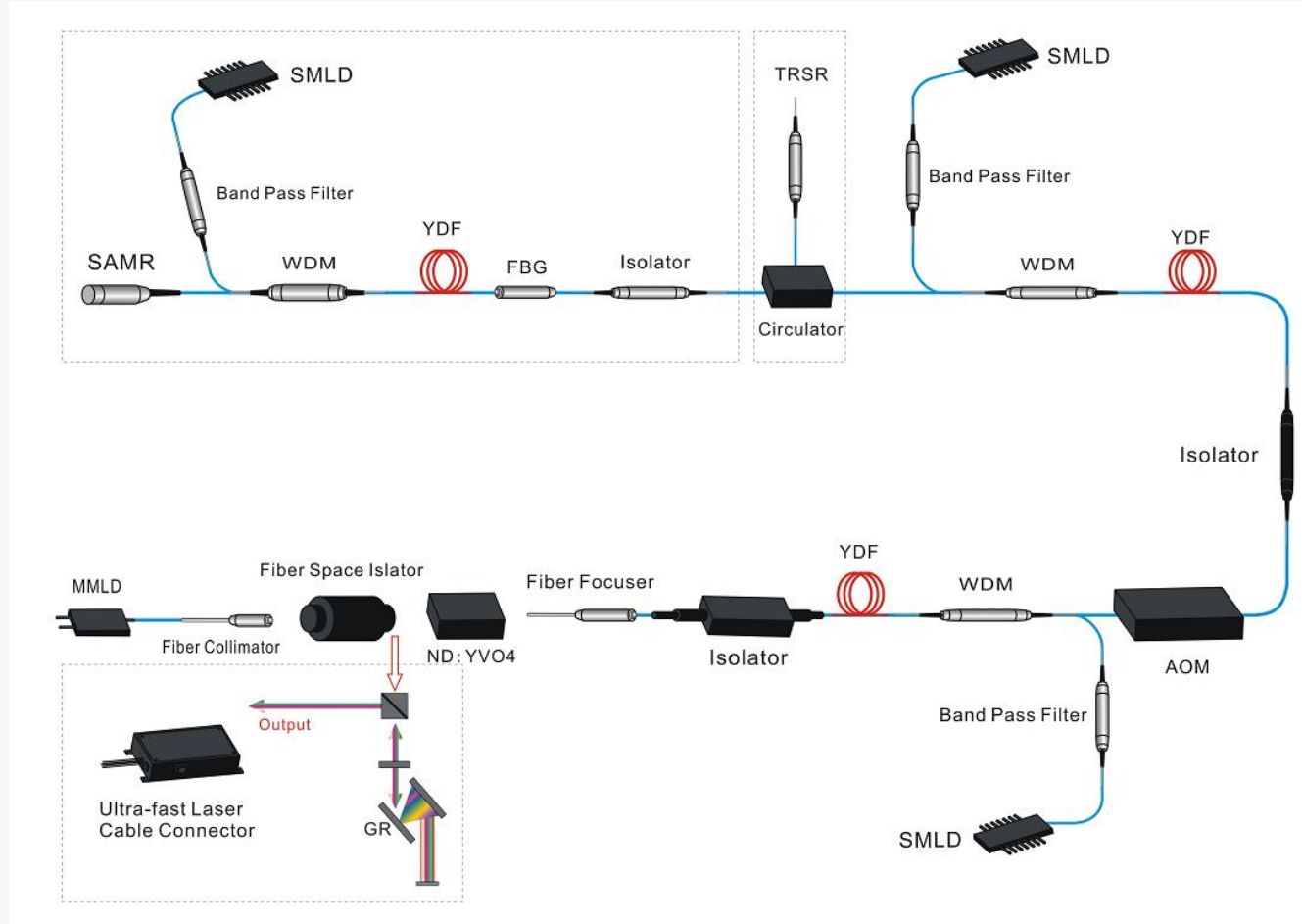


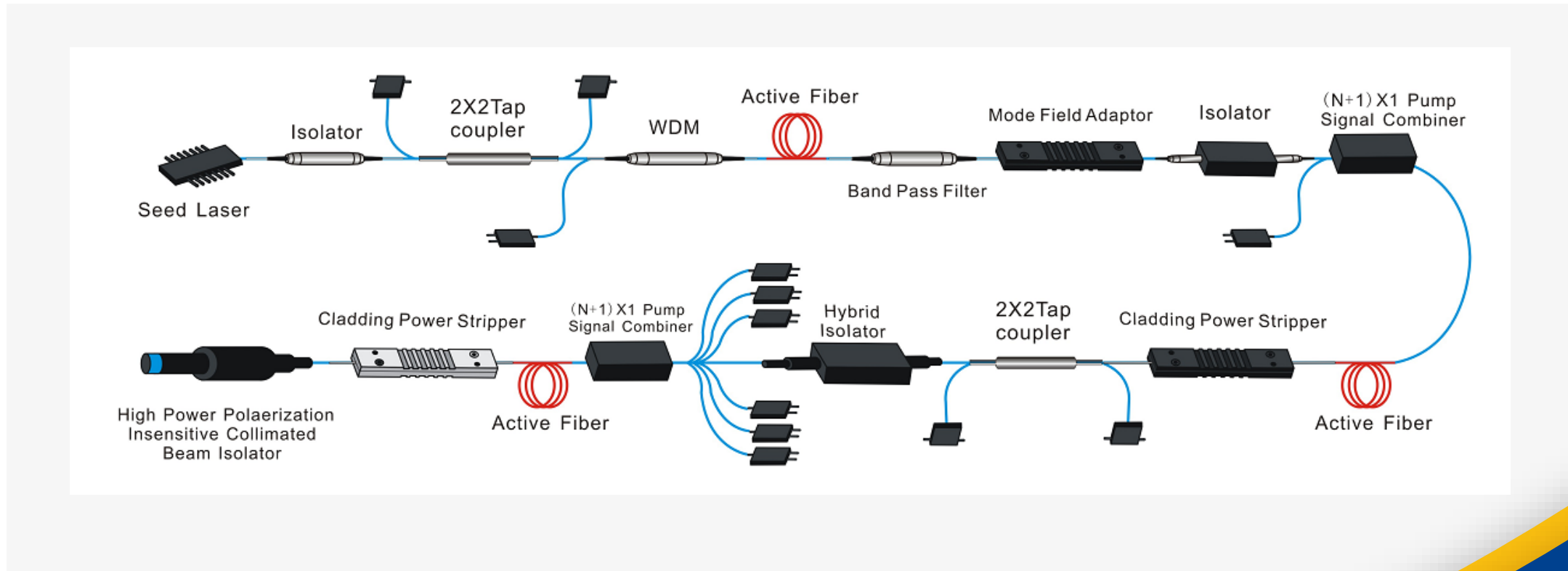


02
***Product &
Marketing***

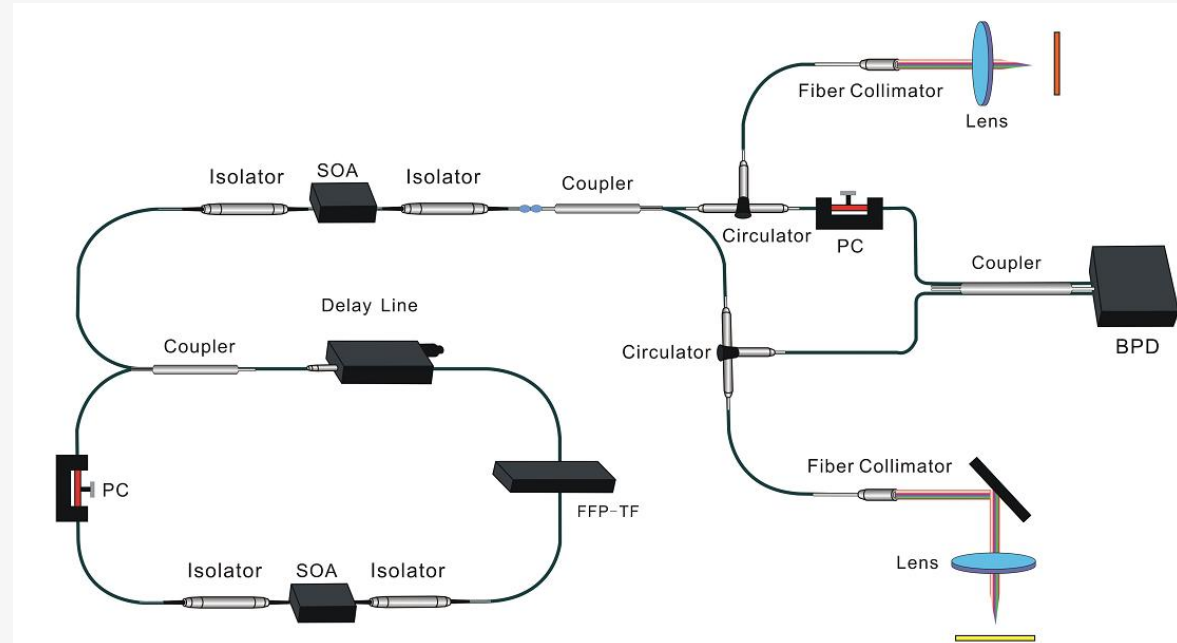


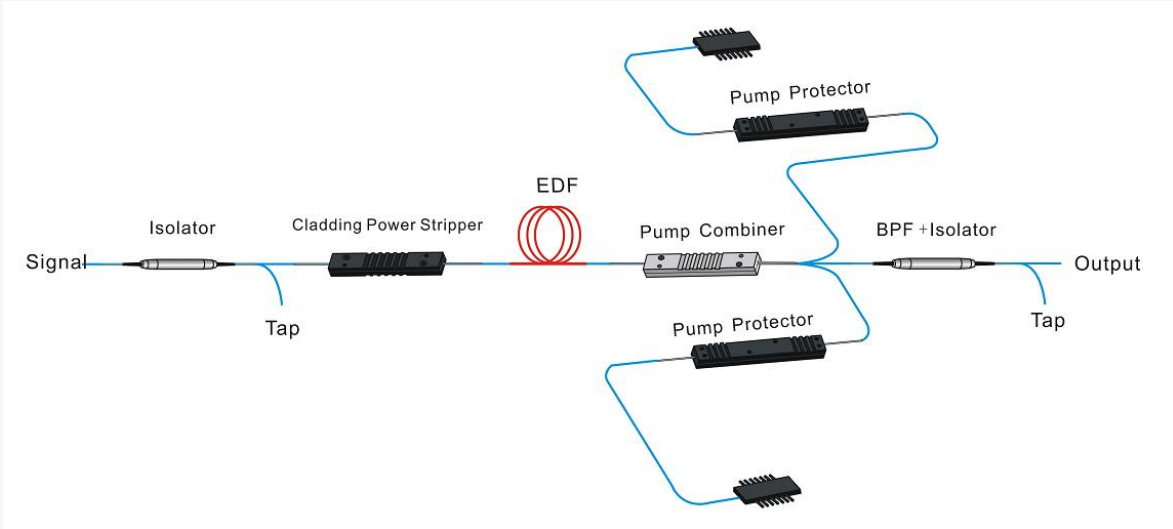




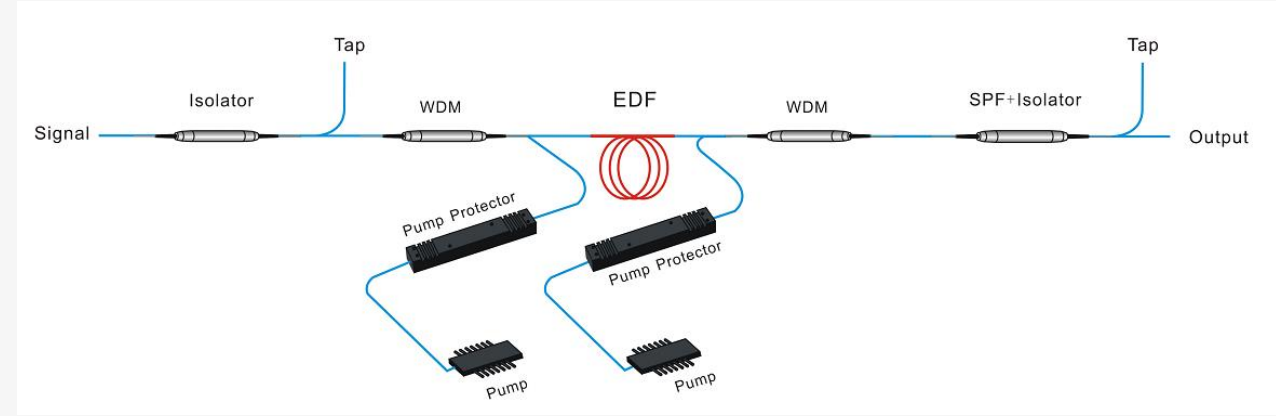


All kinds of SM/PM devices with different wavelength integrated into customized optical module for OCT application, thereby able to achieve low insertion loss & high reliability features





Pump Combiner Schematic Diagram



WDM Schematic Diagram

Fused Coupler

Low IL

High ER Value

Miniature Size: Ø2.0x25mm



Various types of miniature VOA, coupler, WDM, Isolator are available





03
***R&D &
Production
Capabilities***

Optizone has 36 engineering and R&D personnel, including 2 PhD and 5 master graduated. In conjunction, we have a technical advisor team which comprises of 5 professors from various institutes & R&D Center. R&D products are divided into two categories: low-power and high-power optical passive devices. R&D innovation maintains about 15 research projects every year. And we apply about 12 independent intellectual property rights every year, of which 5 projects are being transformed into achievements. At present, Optizone has attained 3 invention patents, 45 practical patents and 12 software patents. Also, a number of patents are undergoing application stage. We plan to apply for district and municipal engineering centers as well as postdoctoral workstations in-house.

Low Power Optical Passive Devices

Focusing on PMs, we developed PM collimators, circulators, isolators, lens optical fibers and other devices with high extinction ratio, as well as optical module series and miniature device series with high integration.

High Power Optical Passive Devices

Products includes up to Fiber Optical Cable Q+, High Power Combiner.

In accordance to market development, basically we develop an average of 7~8 new products every year



**High
Power
Combiner**

**500W
Inline Isolator**

**Fiber Optical
Cable Q+ ,
Hand Welded
Joint**

**Wavelength
Tunable Seed
Source**

**Single-
channel
Fiber Optic
Rotary Joint**

Since Optizone began our operation more than 14 years ago, we rely on strict production requirements and stringent management control as well as strong learning ability. At present, we have a total workforce of 227 experienced production employees, 35 high quality management and technical personnel and 6 main production lines which can fully meet the production needs of customers for various customized products. Our monthly production capacity of polarization maintaining devices is 10000~20000 and that of high power devices is 3000~5000. We have a total of more than 4800 sqm clean room production environment. And we continuously introduce semi-automatic and full-automatic production and testing equipment to further improve our production capacity.





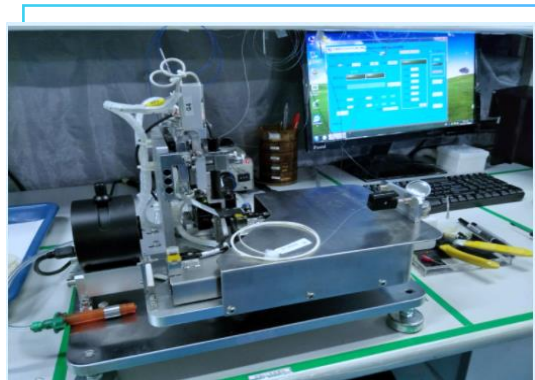
Automatic Coupling Machine



Automatic Fiber Cutting Machine



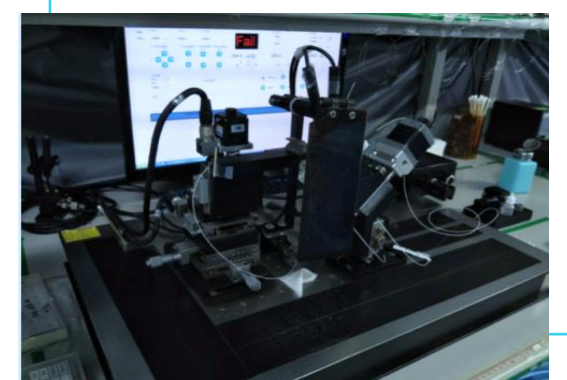
Automatic Collimator Alignment



Collimator Automation Platform



Reflect Port Automation Platform



Isolator Automation Platform




**Achieved
ISO9001
Certification**

**Professional
QA Support
Team**

**Strictly controlled
in accordance with
relevant industry
standards.**

**Ensure premium
quality of our
products through
IQC, IPQC & OQA
and achieve a
customer
satisfaction of
≥98%.**




**24 hours
service from
our Sales Team**



**Response from
our Technical
Support Team
within 8 hours**



**Response from
our Customer
Service Team
within 4 hours**



**VIP door-to-door
service from our
Technical Team**





04

***Company
Future
Prospect***

**Become a first-class science & technology enterprise
constantly surpassing in the optical field**

**Provide professional and high
quality services to customers
in the optical field**

**Company
Objective**

**Industry
Advantages**

**14 years of deep cultivation
in the field of optical passive
components**

In the next three years, Optizone will strive to become a first class technology enterprise in the optical field. And we plan to meet the conditions required for IPO. The company adheres to the core business philosophy of process & technological innovation, plan to increase expertise in scientific & technological field as well as continuously increase in R&D investment. We will gradually enforce production and office automation as well as information technology. And we strive to greatly improves efficiency, focus on products require in the industries, incubates innovative products and expand current market. We are urged to build core competitiveness, and strive to become a leading enterprise in high power and polarization maintaining devices, thereby gradually improve the market share and industry popularity of the company's products, and become a world class optical passive component supplier.



05
Contact Us



Pursue for Excellence in Optics



Sales Distribution Network

Optizone Technology (Shenzhen) Limited

- Address: Liutao Industrial Park, 201 Guihua Road, Guanlan, Longhua District, Shenzhen, China
- Tel: 86-755 2799 5900
- E-mail: sales@optizonetech.com marketing@optizone.com
- Website: www.optizonetech.com

U.S. (East Coast) DPM Photonics LLC

- PO Box 3002, Vernon, CT 06066.
- Tel: (860) 872-6573
- Fax: (860) 454-4217
- Email: info@dpmphotonics.com
- Website: www.dpmphotonics.com

Japan セブンシックス株式会社

- 〒106-0045 東京都港区麻布十番1丁目5番18号 カートブラン麻布十番 7階
- Tel: 03-6721-1077
- Fax: 03-6721-1078
- Email: info@sevenix.co.jp
- Website: www.sevenix.co.jp