Flyin

COMPANY INTRODUCTION

Professional Manufacturer of Fiber Optic Components

18th Edition

Date:20th Aug, 2021

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公司简介

COMPANY PROFILE

Flyin Introduction

Flyin Optronics established in Nov. 2005, a High-tech enterprise and a leading worldwide manufacturer of fiber optic components. After a decade of development, Flyin has grown into a group company with 3 companies. Flyin owns a factory of 10000 square meters with around 1000 employees.

We have passed ISO9001:2015 Quality Management System Certification and ISO14001 Environmental Management System Certification, and has established long term stable cooperative relationships with operators, system integrators and communications equipment manufacturers around the world.

Flyin Group
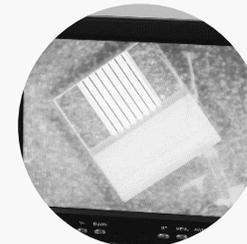
Flyin

Flyin Optronics

2005

Established Flyin Optronics,
Specialize in
manufacturing and
designing fiber optical
passive components and
optical transceiver.
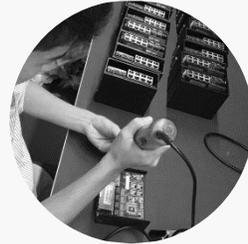
Flyin Data

2014

Established Flyin Data ,
Manufacturing and designing
media converter, industrial
POE media converter, OEO,
fiber fast ethernet switches etc.

Flyin Seiko

2015

Established Flyin Seiko ,
Specialize in designing
and processing optical
materials.

Organizational Structure

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                    ┌──────────────────────────┐
                    │     General  Manager      │
                    ├──────────────────────────┤
                    │   Deputy General Manager  │
                    └──────────────────────────┘
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HR & Admin.	Finance dept.	Domestic sales	International sales	Supply chain	Standardization	Production dept.	Engineering dept.
1. Administration dept. 2. HR dept.	1. Accounting 2. Cashier	1. Sales dept. 2. Customer service	1. Sales dept. 1 2. Sales dept. 2	1. Purchasing dept. 2. Warehouse	1. QA dept. 2. DCC	1. Production dept. 2. PMC dept.	1.Engineering dept. 2. R & D dept.

Flyin Team

Flyin

18% Others

60% Operators

18%

60%

16%

6%

16% Engineers and QC

6% Managements
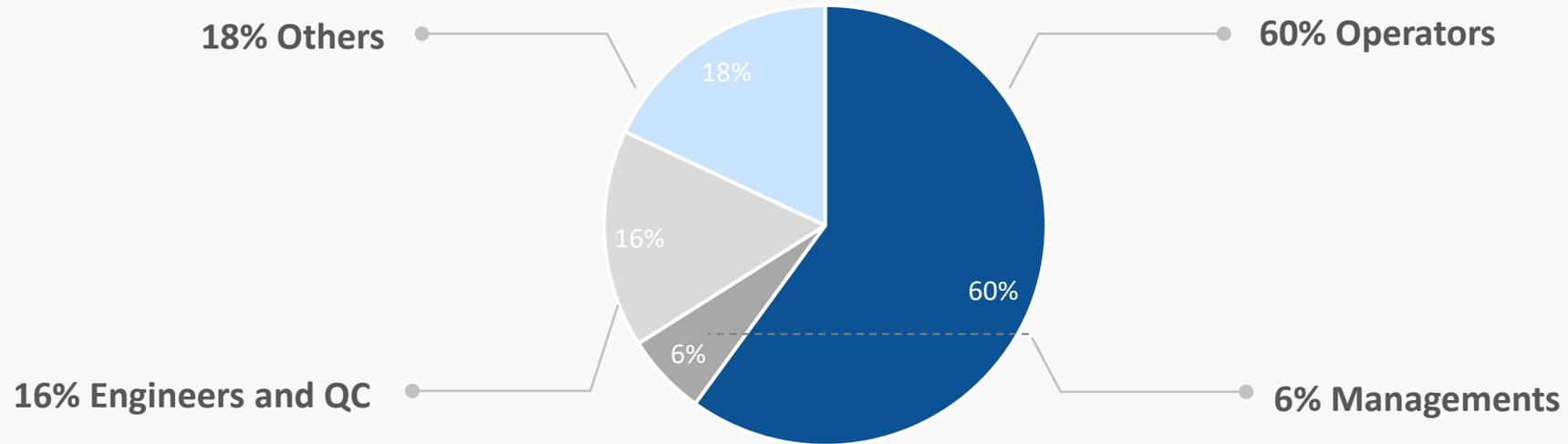
2016~2021 Optimize processes to increase efficiency, reduce labor pressure.
Flyin owns a total staff of more than 1000, over 95% of them are of high-level education, which forms our strong team in R&D and makes Flyin to be a much stronger company.

2015	2016	2017	2018-2019	2020-2021
Factory area: 3000㎡ Staff: 300	Factory area: 3000㎡ Staff: 300	Factory area: 6000㎡ Staff: 400	Factory area: 8000㎡ Staff: 650	Factory area: 10000㎡ Staff: 1000

Flyin Mission

Flyin

Flyin always value win-win cooperation while developing our company. In the meantime, we also implement brand strategy to penetrate into our target market.

Brand is a Public Praise   Brand is a Responsibility

Our Mission

Manufacturing of fiber optic devices/modules for optic communications. Become a trusted, respected and outstanding global enterprise.

Our Promise

On-time delivery of reliable products with specs meet or exceed customer requirement. Provide high quality products and top services to customers.

Main Products

Flyin

8+1CH CWDM LGX

1270~1450nm, Mux and Demux
Low Insertion Loss

D2X2B Mechanical
Fiber Optic Switch

HOT PRODUCTS

Flyin main products include
all kinds of WDMs, optical
switches, optical
transceiver, patchords , PLC
splitters, media converters ,
FA, etc.

10G Optical Transceiver

1X6 Mechanical Optical Switch
Up to 128 channels , Low insertion loss, Parallel interface

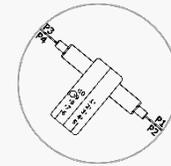# Huge Capacity & Fast LT

Flyin
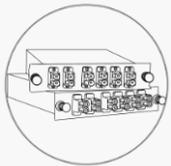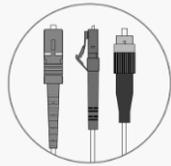
WDM

1000,000 Channels
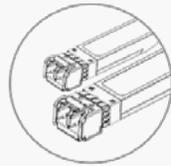
Optical Transceiver

100,000 PCS

Optical Switch

50,000 PCS

Patch Cord

1200,000 Connectors

Optical Circulator

3,500 PCS

PLC Splitter

50,000 PCS

Top three WDM and Optical Switch maker in China   Word-Class Professional WDM and Optical Switch Supplier

Leading Manufacturer   First-Class Quality   Fast Lead-Time   More cost-effective

Four Phases Development

Flyin

Establish phase

Focus on target markets of optical communication with large scale production of Wavelength Division Multiplexers(WDM)

Expansion phase

Expand product range to PLC Splitters, Patch Cords, Mechanical Optical Switches, etc. Develop the R&D and research for more fiber optical components

Growth phase

Expand our products and market to broader cover optical communications, photonic sensors and bio-photonics with large market potential.

Steady phase

Company with a full range of fiber optic components

02

产品介绍

PRODUCTS

Technologies and Platform Products

Category	Platform	Products	Key Features	Applications
Optical Passive Components	WDM	CWDM, DWDM, CCWDM, CEx WDM, LAN WDM, FWDM, OADM, Fused WDM	Performance, High reliability(GR1209/1221) Cost effective	DWDM/CWDM, metro, FTTH, datacom, telecom
	AWG Modules	Thermal AWG modules Athermal AWG modules		
	Mechanical Fiber Optical Switch	1x1, 1x2, 2x2, 2x2B, D1x2,1xN Mechanical Optical Switch, OBS equipment		
	PLC based splitters FBT coupler, Circulator, Isolator, Optical Patch cord	PLC based splitters, FBT coupler, Circulator, Isolator, Optical Patch cord, MPO/MTP		
	PM Series Passive Components	PM circulator, PM isolator, Polarization beam combiner/splitter, PM WDM, PM coupler, PM patch cord, PM collimator		
Optical Active Devices	Optical Transceiver	1.25G SFP, 10G SFP+, 25G SFP28, 40G QSFP+, 100G QSFP28, AOC, DAC	Compatible, Stability, With DDM, Cost effective	Data center, telecom
	Media Converter	Telecom/Industrial media converter, POE	Low cost, Stability, Customizable	Video Monitoring / CCTV / System integration
Optical Communication Materials	FA	FA, V Groove, PLC chip, Lens fiber	Cost effective , accuracy, stability	PLC Splitter

FWDM/CWDM/DWDM Series Products

Flyin

WDM/CWDM/DWDM Device

- 5.5x38mm stainless steel tube package
- Low insertion loss and high isolation

WDM/CWDM/DWDM ABS Module

- 100x80x10 or 120x80x18mm ABS package
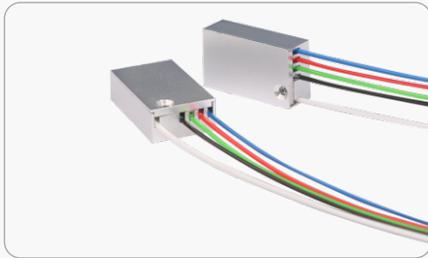- Good channel uniformity

WDM/CWDM/DWDM LGX Box

- Standard LGX box package
- Wide operating temperature range: -40~+85 ℃

WDM/CWDM/DWDM Rackmount

- 19" 1U rackmount package
- Customized logo printing

Compact CWDM Modules

LAN WDM

- Compact size: 20x12.4x6.4mm
- Special for 40G or 100G CFP transceivers.

CWDM4

- Compact size: 10.5x1.6x1.3mm
- Special for 40G or 100G transceivers.
- Good performance and high reliability.

8+1CH Mini CWDM Module(Compact CWDM)

- Compact size: 44x28x6mm
- Wide passband

8+1CH Mini CWDM Module(Compact CWDM)

- Compact size: 53.8x28x8mm
- Low insertion loss and high isolation

18CH Mini CWDM Module(Compact CWDM)

- Compact size: 50x50x6mm
- High reliability and stability

Thermal AWG/Athermal AWG

Flat Top Thermal AWG Module

- Package size: 150x65x16mm
- Power needed for operating

Athermal AWG Module

- Totally passive, no need for power
- Package size: 120x70x10mm

O Band 17CH 150GHz DWDM AAWG

- The AWG operate in O-band
- Package size: 80x40x9mm

Thermal/Athermal AWG Rackmount

- 19" 1U rackmount package
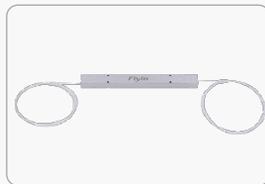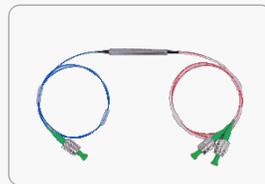- Up to 80 channels designed with LC connectors (Mux + Demux)

PM Passive Components

Flyin

保偏光无源器件

POLARIZATION MAINTAINING COMPONENTS

☑ 保偏准直器   ☑ 保偏隔离器   ☑ 保偏环形器

☑ 保偏波分   ☑ 保偏分束器/合束器
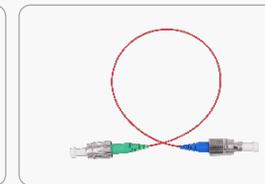
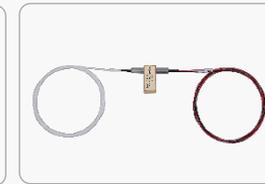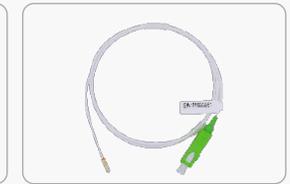| PM Coupler | Polarization beam combiner/splitter | PM Circulator | PM Isolator | PM WDM | PM Patch cord | PM Optical Switch | PM Collimator |

Mechanical Optical Switch

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1x1 Optical Switch

- Package size: 27x12x8.2mm
- Applications: Channel blocking, Configurable add / drop, System monitoring, Instrumentation

1x2 Optical Switch

- Package size: 27x12x8.2mm
- Applications: Optical network, Optical signal routing, Transmitter and receiver protection, Configurable OADM

2x2 Optical Switch

- Package size: 27x12x8.2mm
- Applications: R&D laboratory, System monitoring, OADM, MAN

1xN Optical Switch

- Applications: Ring network, Remote monitoring in optical network, Testing of fiber optical component

2X2B Optical Bypass Switch

- Applications: Ring network, Node bypass protection, SDH ADM ring, WAN optimization, Network maintenance
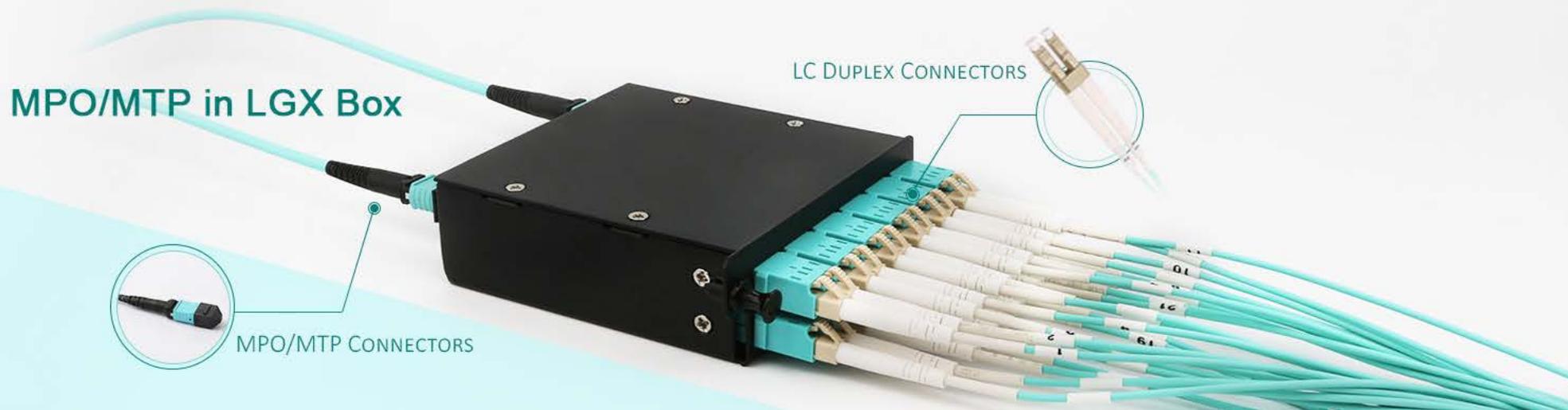
Products Category

FIBER PATCHCORD

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MPO/MTP-MPO/MTP

MPO/MTP-LC

MPO/MTP-LC in LGX Box

MPO/MTP in 1U Rackmount

LC/SC/FC/ST Patch Cord

MPO/MTP in LGX Box

LC DUPLEX CONNECTORS

MPO/MTP CONNECTORS

Optical Circulator & Isolator

Flyin
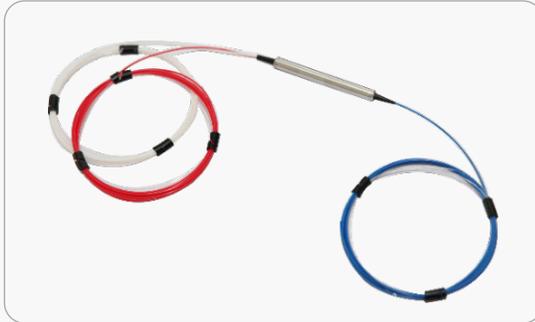
3 Ports Polarization Insensitive Optical Circulator

- 5.5x50 or 5.5x38mm stainless steel tube compact size
- Low insertion loss and high isolation
- 1310nm 1550nm or other wide bandwidth for selection(See Note*)

1060nm Polarization Insensitive Optical Circulator

- Compact size: 34x8.4x8.4mm
- Low insertion loss and low PDL

850,980nm Polarization Insensitive Optical Circulator

- Compact size: 62.6x28x 27mm
- High Isolation
- Low insertion loss and low PDL

Polarization-Insensitive Optical Isolator

- 5.5x30mm stainless steel tube
- Low polarization sensitivity

* Note: 1. C-Band, C+L Band, S+C+L Band and O+S+C+L Band Optical circulator for selection.
2. Polarization Maintaining Optical Circulator is also available.

FBT WDM / Coupler

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1. Low insertion loss
2. High isolation
3. Compact design
4. Erbium doped fiber amplifiers (EDFA) application

Low excess loss .1
Uniform power splitting .2
Rugged package .3
Excellent environmental & mechanical stability .4

980/1550nm,1480/1550nm WDM

- 3x54, 3x60mm stainless steel tube or 90x20x10mm ABS box package
- 850/1310nm,980/1060nm special WDM available
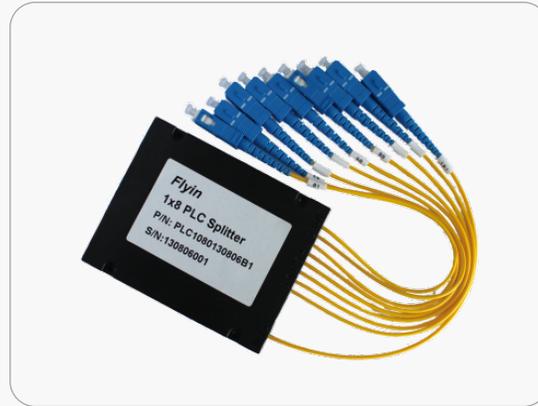
Fiber Optic Coupler(FBT)
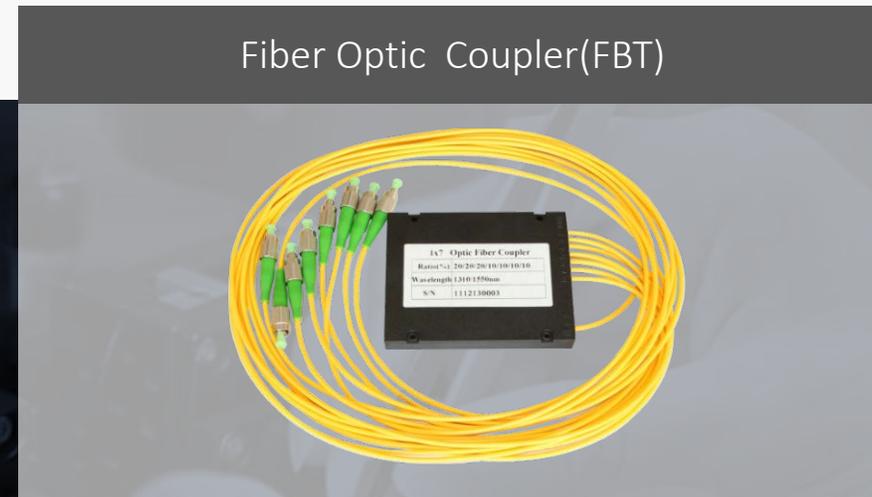
- Tree/Star coupler available
- Compact size

PLC Splitter

Bare Fiber PLC

- 1xN and 2xN(N≤128) splitter products available
- Full band wavelength: 1260nm~1650nm

Box Module PLC

- Good channel-to-channel uniformity
- Low PDL

Insert PLC

- Low insertion loss
- Low PDL
- Compact design

Rackmount PLC

- Compact design
- High reliability and stability

Products Category

Optical Transceiver

SFP ∣ SFP+ ∣ XFP ∣ QSFP+ ∣ 25G ∣ 100G ∣ AOC ∣ DAC
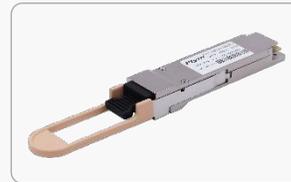
| 155M~4.25G SFP | 6G~10G SFP+ | 25G SFP28 | 40G QSFP+ | 100G QSFP28 | AOC | DAC |

03

研发与市场

R&D, Marketing, Enterprise Culture

R&D, Production Equipments

Equipment

Equipments

Equipments

Perfect production lines

Workshops

Equipments

Rich & Colorful Activities, Global Exhibitions

Activities

Exhibitions

Quality System
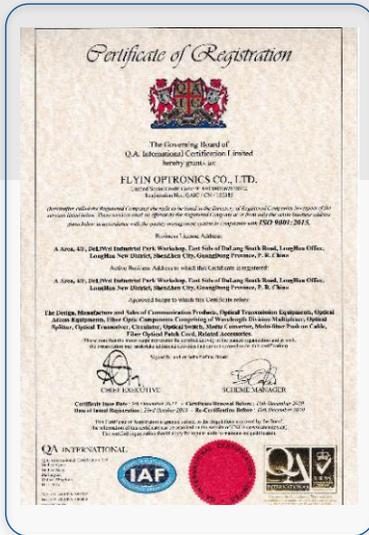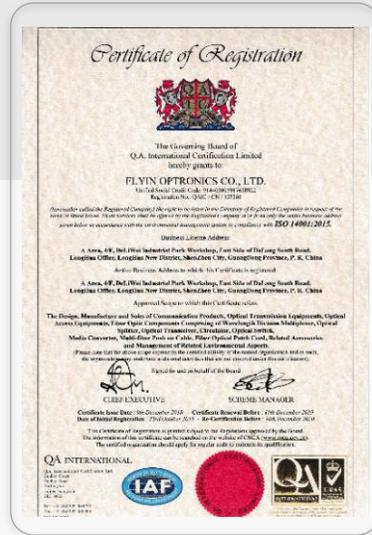
Flyin's quality system continuous improvement.
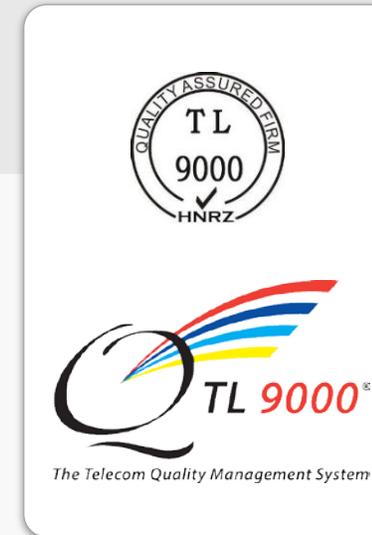Quality Policy : On-Time delivery of reliable products with specs meet or exceed Customer requirement

ISO9001:2015

ISO14001:2015

UCS Certification

Prepare for TL9000

Certificate and Intellectual Property

Flyin Optronics won Hi-Tech Enterprise honor and different patents for optical components industrial.
Flyin has **81 PATENTS**, including **6** invention patent, **14** utility model patents, and **61** software copyrights.

Company Culture

Regardless of race, region, political system and religious belief, Flyin is dedicated to providing high-quality optical fiber communication products and services to customers around the world! As a global enterprise, Flyin is committed to establishing good relationships with customers and local communities, as well as with various countries and regions, and actively assuming social responsibilities.

To be a respected enterprise, to be a respected person

Flyin is continuing to make efforts.

THANK YOU

Professional Manufacturer of Fiber Optic Components

Flyin