• 2001, Yilut established
• 2006, Set up PLC alignment production lines for PLC Splitter.
• 2007, Set up automatic Dicing Plant, Fiber Ribbon Plant and FA Assembly Plant.
• 2011, Succeed in R&D of 48Ch AAWG.
• 2014, Moved to 35000sqm new Yilut Technology Park.
• 2015, Upgrade alignment process to by automatic system
• 2016, Succeed in new product R&D of 90°FA, CWDM4 AWG
• 2017, PLC splitter passed Telcordia GR1209/1221 qualification
• 2019, PLC splitter passed Verizon VZ.TPR9427/9405 qualification
All products and technology serve for optical chip
Application

- FTTx
- Mobile Network
- Ultrahd Transmission
- Data Center
- Silicon Photonics
- Auto Pilot
- CATV

8K UHD
Market and Sales

Sales Revenue (million USD)

<table>
<thead>
<tr>
<th>Year</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8.20</td>
<td>9.55</td>
<td>10.15</td>
</tr>
</tbody>
</table>

Market Share

- China: 30%
- Europe: 40%
- America: 10%
- Asia: 20%
Key Products

Fiber Array

PLC Aligned Components
Fiber Array

PLC FA
90° Bending FA
PSM4 FA
WSS FA
90° Bending FA 12F
CWDM4 Mux FA
42° Angle FA
**45° FA - MT Receptacle**

**Descriptions:**

45° mixed FA is a high-reliability, individual patented fiber component.

**Features:**

- 4CH 45° Special FA for receiving parts
- 4CH ceramic core for transmitting parts
- MT/MPO connector for optical ports
- Standard (-5 to +75C) operating temperature range
- RoHS6 compliant

**Applications:**

- 100G PSM4 modules
90° Bending Fiber Array

**Descriptions:**
90° bending FA is a high-reliability, high tensile fiber component used for the coupling with Si-photonic chip in PSM4 module.

**Features:**
- Higher tensile fiber.
- Better macrobending performance.
- Special 90° bending structure.
- Standard (-5 to +75C) operating temperature range.
- RoHS6 compliant.

**Applications:**
- 100G PSM4 modules based on Si-photonics.

One of the FA applications
**PLC Fiber Array**

**Description**
Multi-channel FA is a high-reliability, high-accuracy, individual patented fiber component.

**Features:**
- Up to 96 channels.
- Telcordia GR-1209/1221 compliant.
- Excellent fiber core position accuracy.
- 127um/250um pitch optional.
- LC/FC/SC connector optional.
- Fan-out optional.
- Standard (-5 to +75°C) operating temperature range
- RoHS6 compliant.

**Applications:**
- Splitters / combiners.
- Arrayed Waveguide Grating for DWDM.
- Multicast Switch Based on PLC.
PLC Aligned Components

PLC Splitter

48ch AAWG

VOA

CWDM4 Mux&Demux

WDN
**AWG CWDM4 Mux/Demux**

**Descriptions**
CWDM AWG device is an integrated PLC component that multiplexes or demultiplexes 4 channels onto a single fiber.

**Features:**
- Compact Size for all of type of modules.
- Better Fiber macro-bending performance.
- PLC Integrated Mux/Demux.
- Special 45° polishing structure for receiving.
- Telcordia GR-1209 /1221 compliant.
- Standard (-5 to +75C) operating temperature range.
- RoHS6 compliant.

**Applications:**
- 100G CFP2/CFP4 LR4, ER4 modules.
- 100G QSFP28 CWDM4, LR4 modules.
**PLC Splitter**

**Descriptions**
PLC Splitter is based on the planar waveguide technology. It provides a low cost power distribution solution with small form factor and high reliability.

**Features:**
- Compact Size for all of type of modules.
- Uniform power splitting.
- Verizon VZ.TPR.9405/
- Telcordia GR-1209 /1221 compliant.
- RoHS6 compliant.

**Applications:**
- FTTH
- CATV
**Athermal AWG DWDM**

**Descriptions**
40/48/96 Ch Athermal AWG DWDM, aligned AWG chip with fiber array to meet WDM Mux/Demux functional.

**Features:**
- Compact size Available
- Mux/Demux functionality
- Flat-top / Gaussian type optional
- Telcordia GR-1209 /1221 compliant.
- RoHS6 compliant.

**Applications:**
- DWDM Transmission
- Metro Area Network
- Long-haul Network
- PON Network
- ROADM Network
- Front-haul of 5G Network
Manufacture Center

Dicing, Polishing, Grinding for wafer & V-groove
Manufacture Center

Fiber Ribbon Machine

FA

V-groove dicing
Manufature Center

Fiber Array Assembly
Ultra Precision Inspection for FA core pitch
Manufacture Center

84units Automatic Alignment System
Reliability Report
Telcordia GR12098&GR1221
Verizon VZ.TPR.9427&9405


**Vision:** Connect The Chip, Link The World

**Mission:** To become the key component supplier of global chip integration technology, to provide leading connection solutions for high-speed transmission and customized application.

**Goal:** The Finest Alignment, The Best Fiber Array.
Thank you for watching!

Website: www.yilut.com
Email: sales@yilut.com
Address: Yilut Technology Park, No.7, Fozuling 1st. Road, East Lake Hi-tech Development Zone, 430200, Wuhan, China