

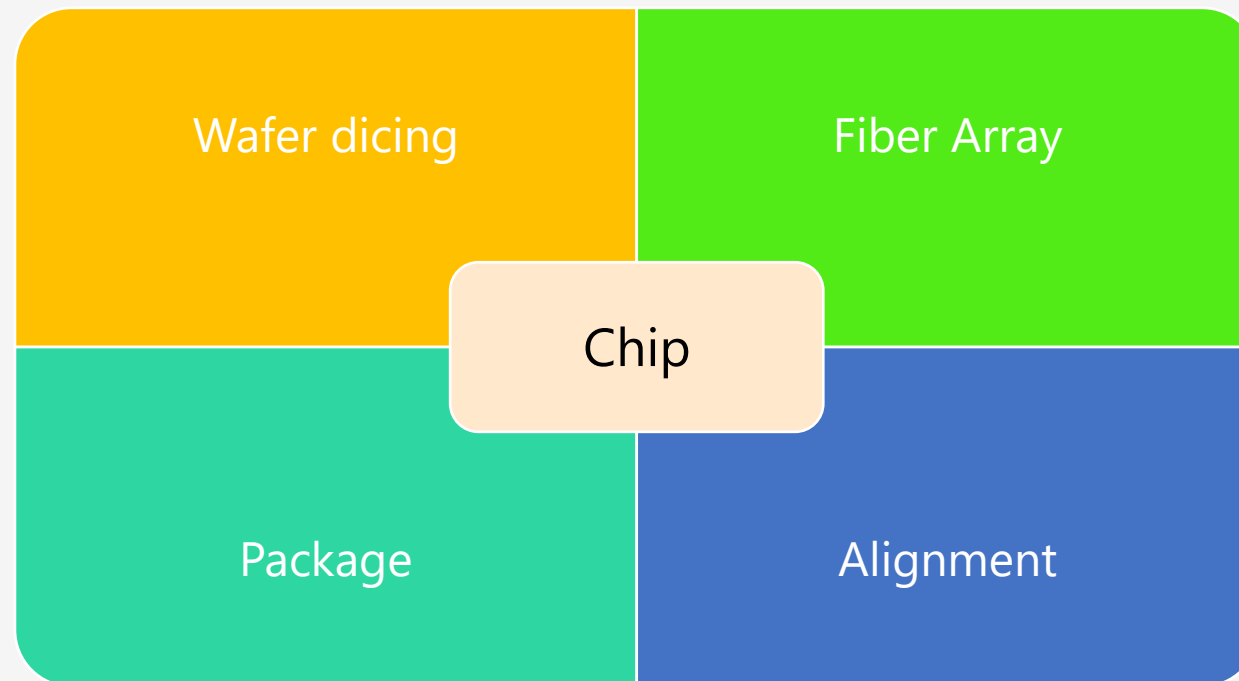


武汉驿路通科技股份有限公司
Wuhan Yilut Technology Co., Ltd.



- 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

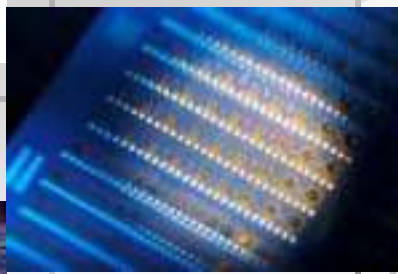
Ultra - HD Transmission



FTTx



Silicon Photonics



Mobile Network



Auto Pilot

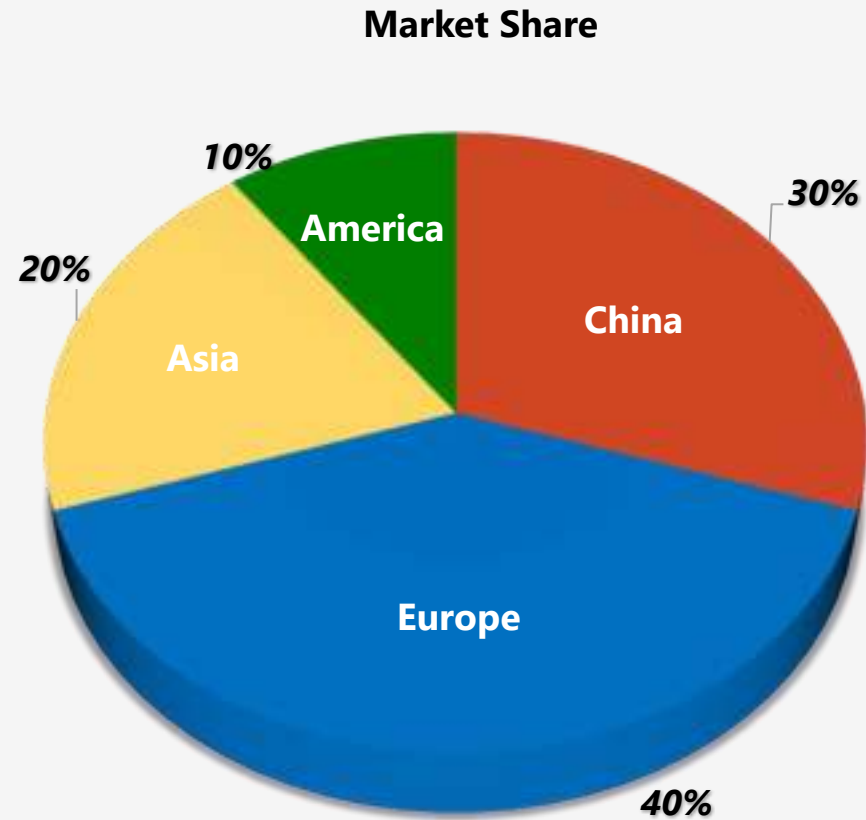
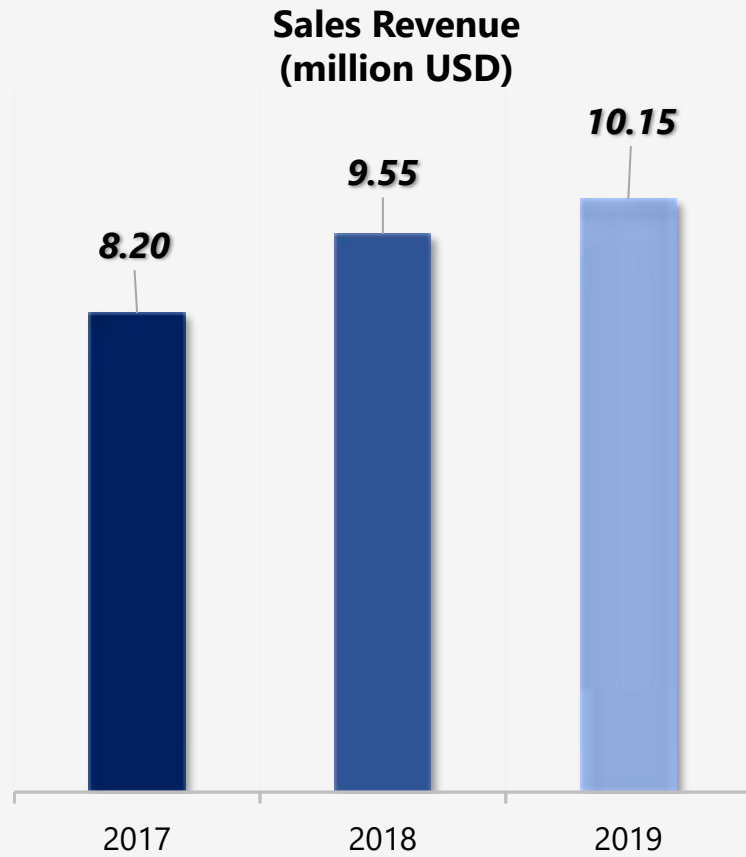


Data Center



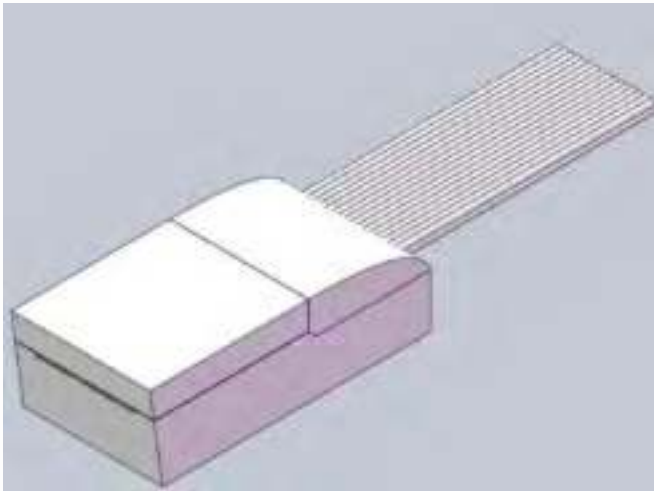
CATV

Market and Sales

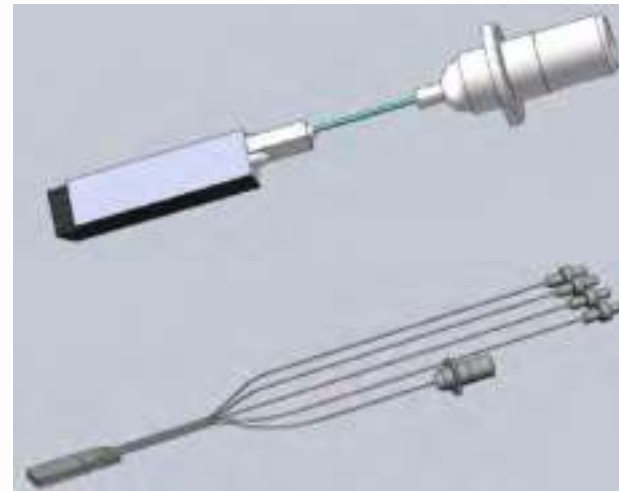


Key Products

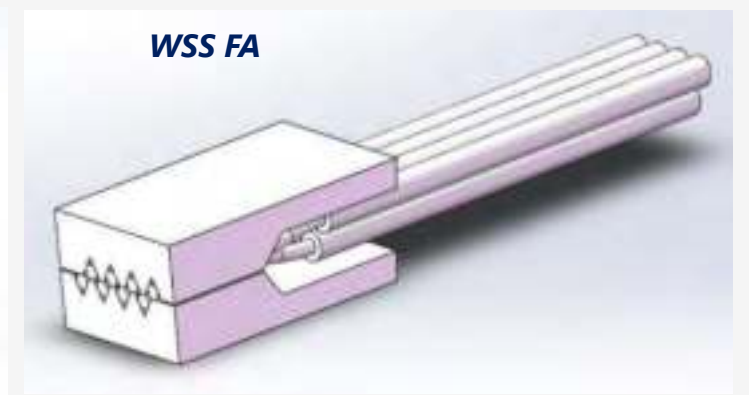
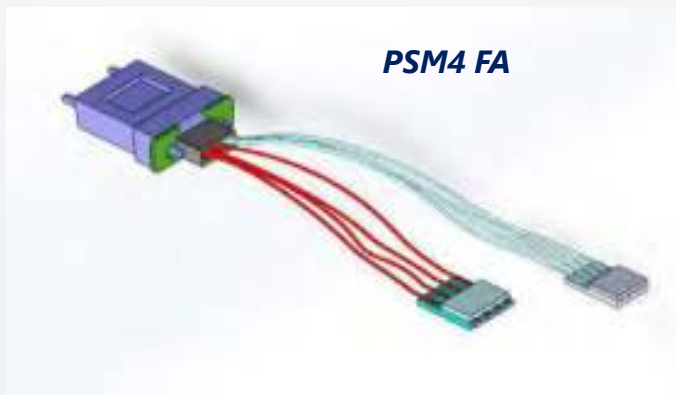
Fiber Array



PLC Aligned Components



Fiber Array



45° FA-MT Receptacle

Descriptions:

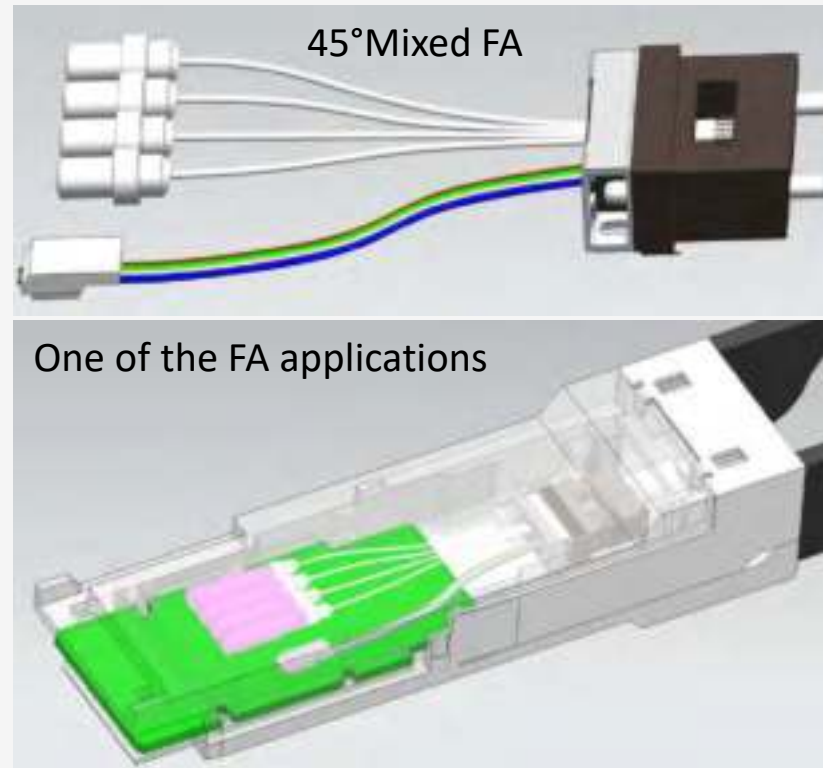
45° mixed FA is a high-reliability, individual patented fiber component.

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:

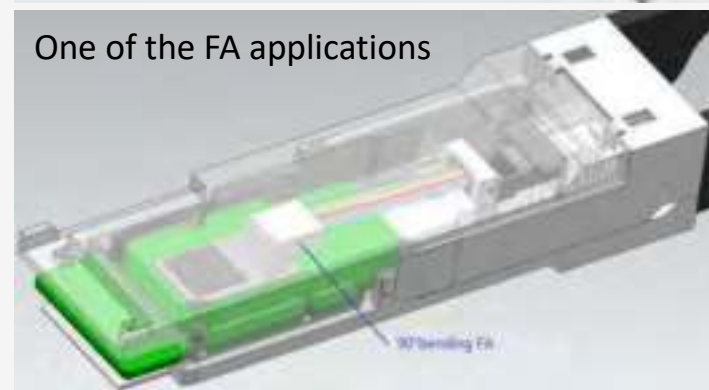
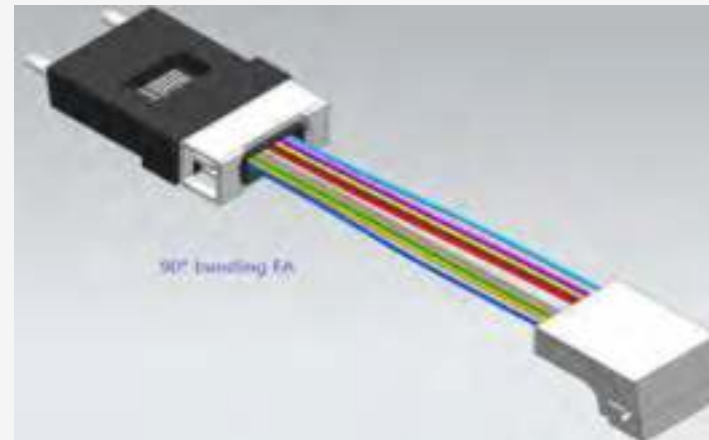
90° bending FA is a high-reliability, high tensile fiber component used for the coupling with Si-photonic chip in PSM4 module.

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.



PLC Fiber Array

Description

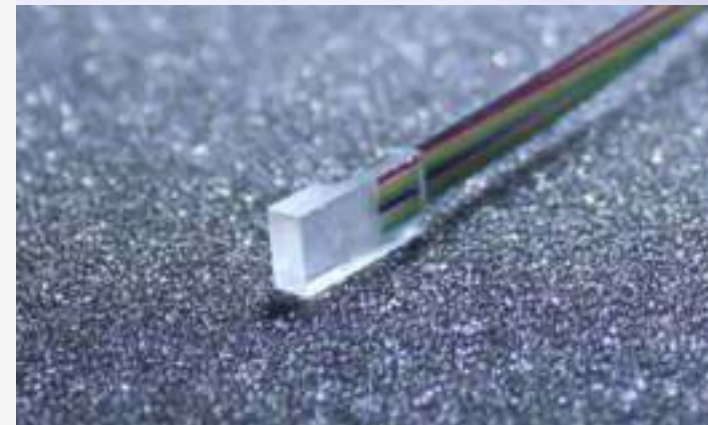
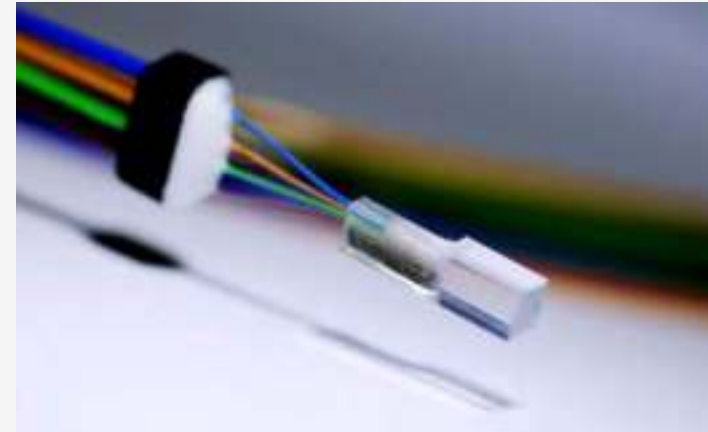
Multi-channel FA is a high-reliability, high-accuracy, individual patented fiber component.

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 +75C) 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

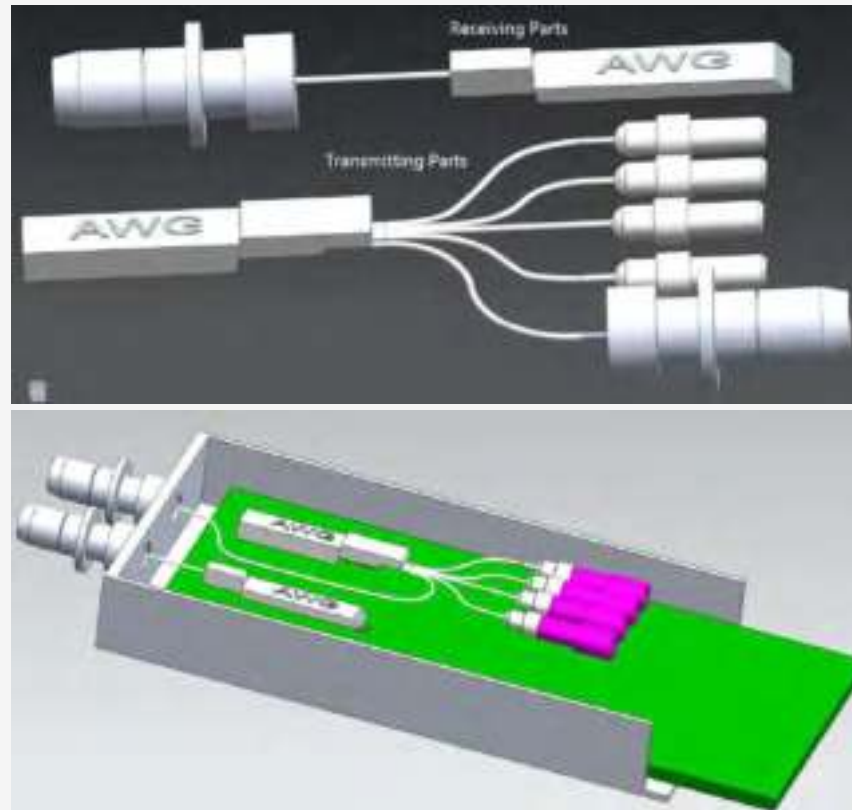
CWDM AWG device is an integrated PLC component that multiplexes or demultiplexes 4 channels onto a single fiber.

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

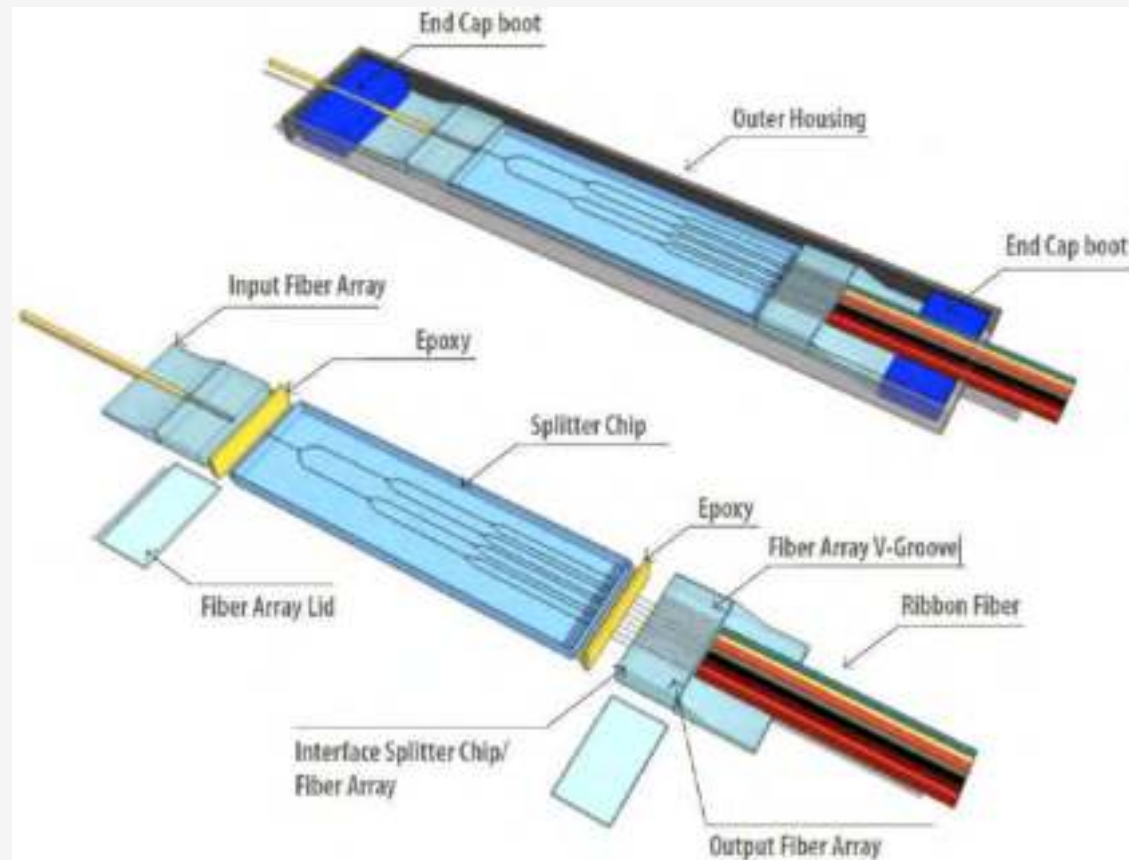
PLC Splitter is based on the planar waveguide technology. It provides a low cost power distribution solution with small form factor and high reliability

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



Ultra-precision
Slicing Machine
(SMG 3535 AP)



Ultra-precision
Slicing Machine
(DAD 3350)



Automatic Wafer
Scribing Machine
(DAD 321)



Ultra-precision V-groove
Measuring Machine
(NP750)



Manufacture Center

FA



Fiber Ribbon Machine



V-groove dicing



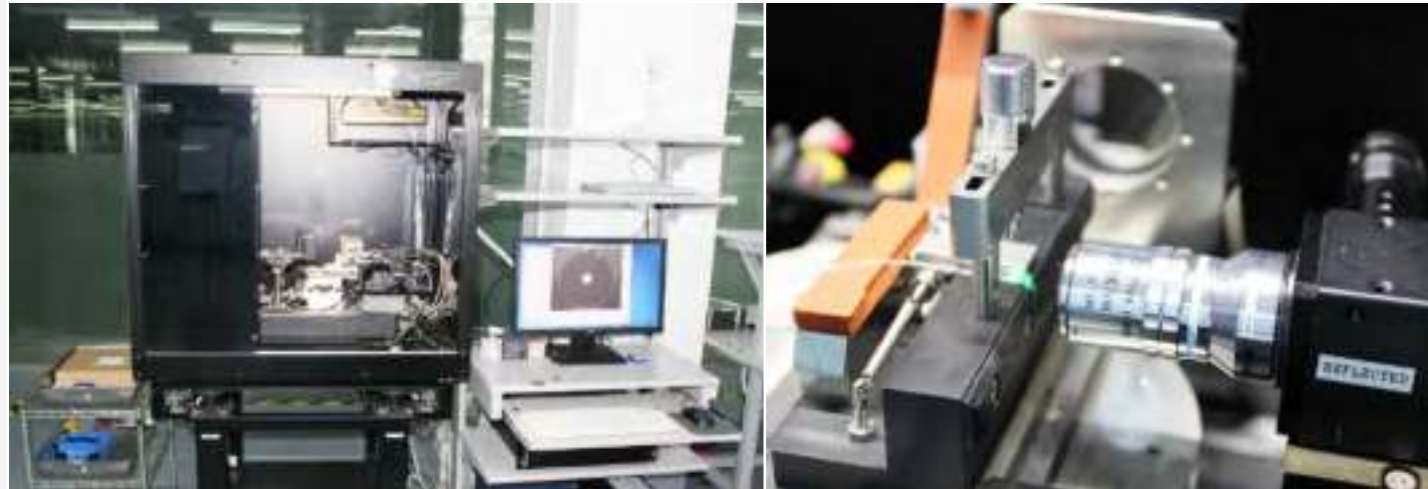
Manufacture Center

Fiber Array Assembly



Manufacture Center

Ultra Precision Inspection for FA core pitch



Manufacture Center

84units Automatic Alignment System



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.



Wuhan Yilut Technology Co., Ltd.



Thank you for watching !

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