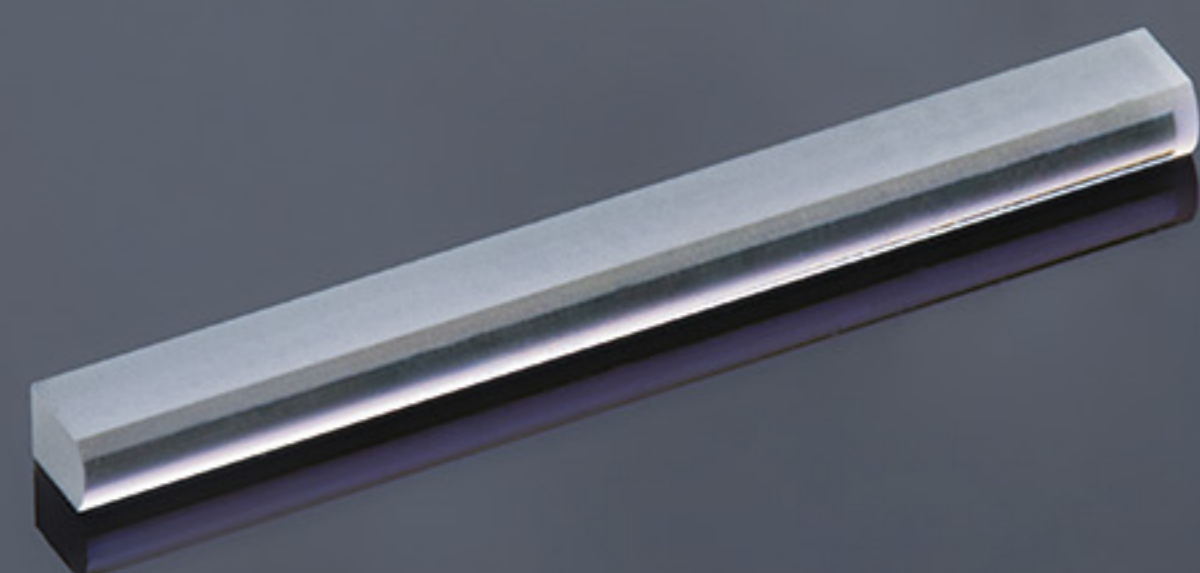
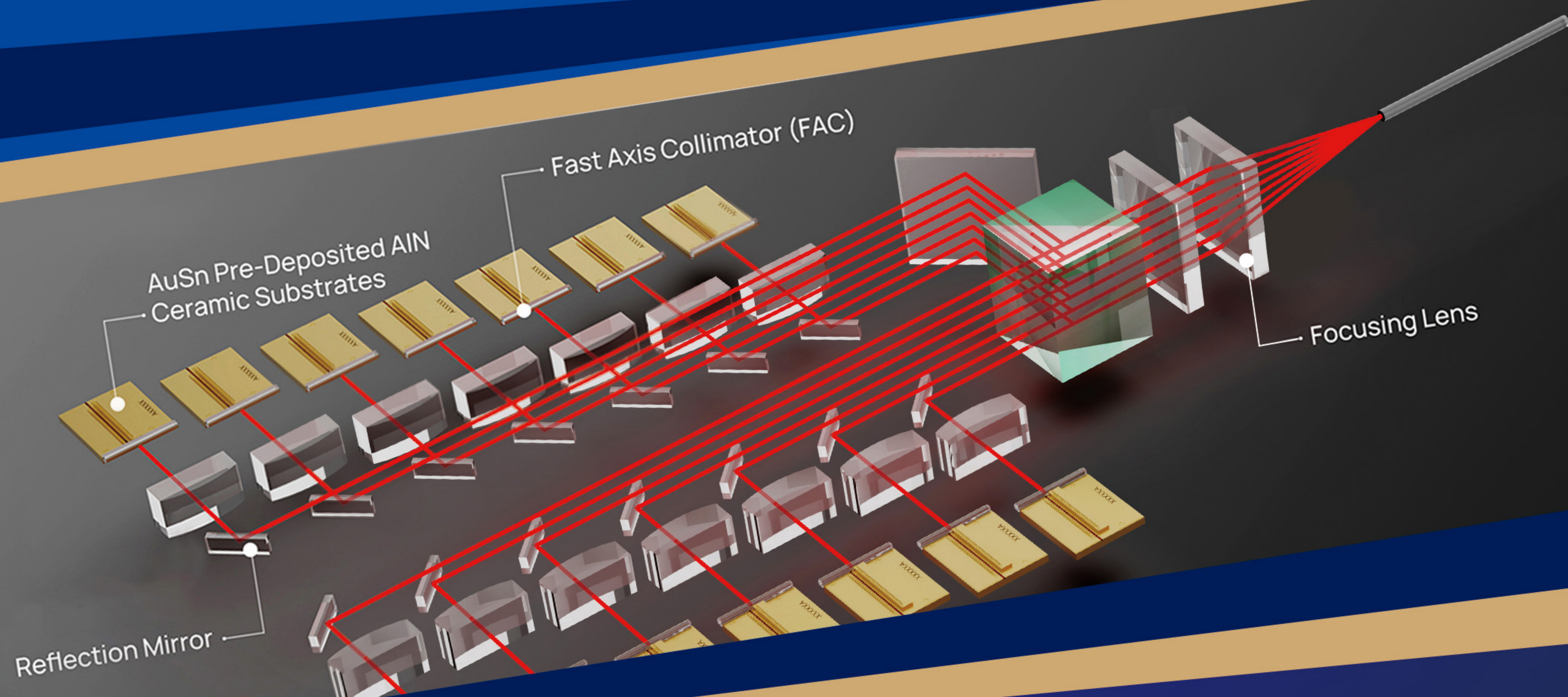
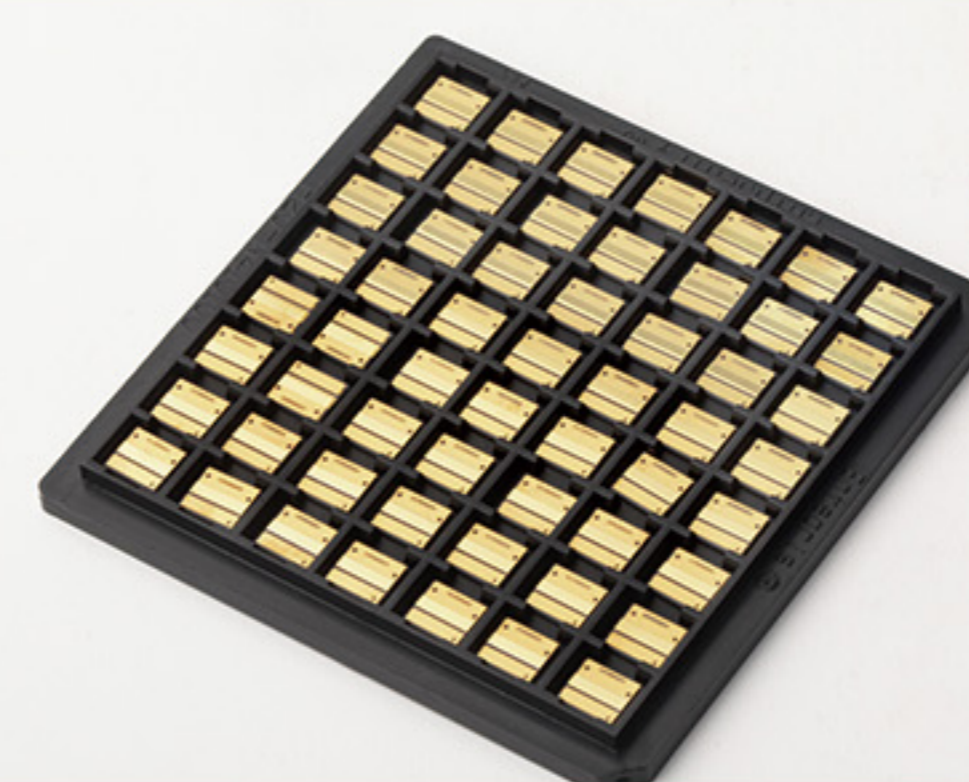


# FIBER LASER PUMPING COMPONENTS

Enabling high-performance, high-reliability pumping modules



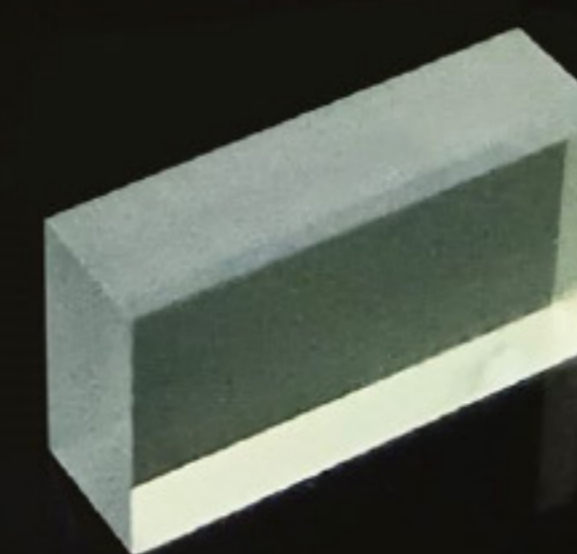
**Fast Axis Collimators (FAC)**



**AuSn Pre-Deposited AlN Ceramic Substrates**

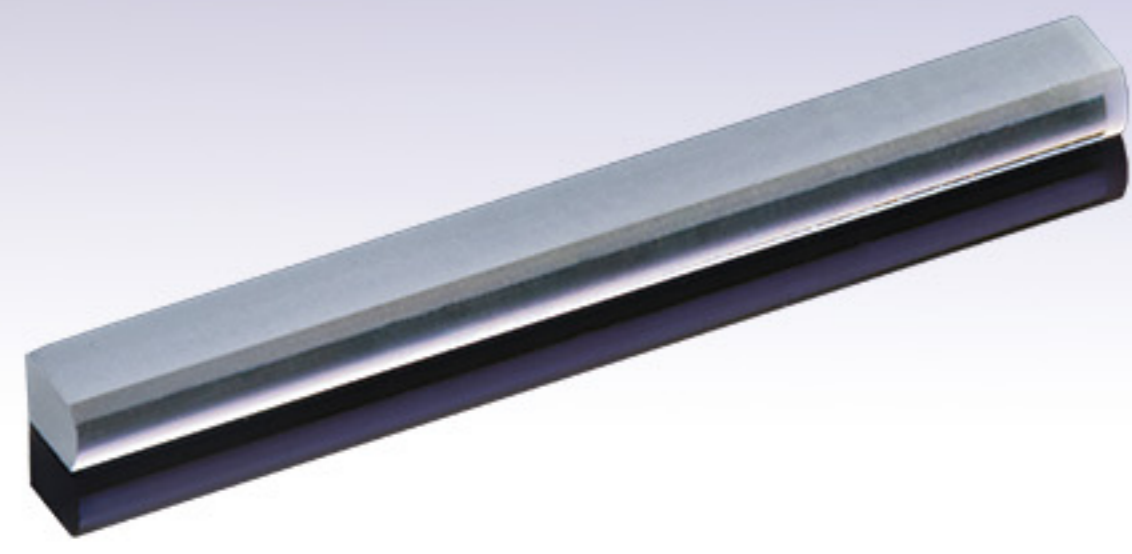


**Focusing Lens**



**Reflection Mirrors**





**Fast axis collimator (FAC)**  
FAC300 / FAC360

**FEATURES**

Acylindrical lens for the collimation of the fast axis of diode lasers. The new revision has an increased power content of >92% within  $\pm 2.2$  mrad and >94% of the energy within Gaussian distribution (negligible side peaks).

**TYPICAL SPECS**

AR Coating Spectrum 770 - 1070 nm, Back Focal Length 0.052 - 0.08 mm, EFLs from 0.16 to 7.7 mm available.



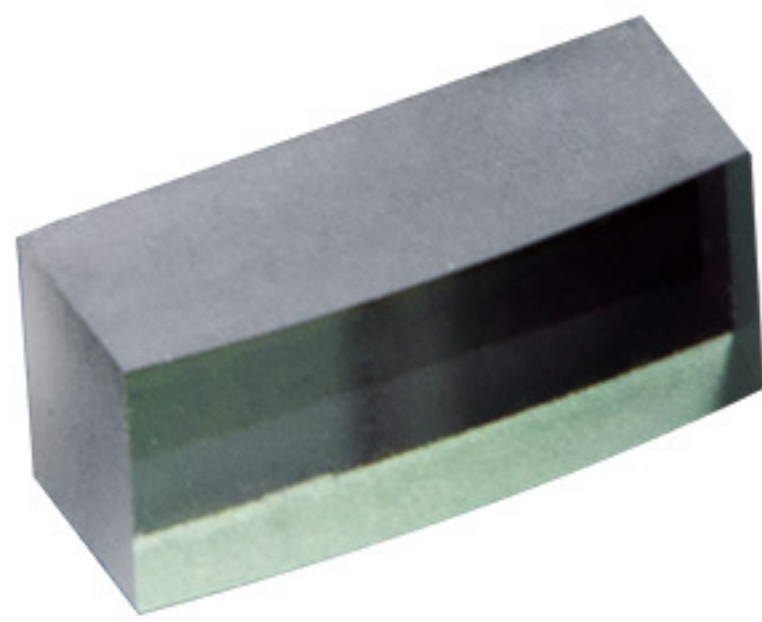
**AuSn Pre-Deposited  
AlN Ceramic Submounts**

**FEATURES**

- AnSn pre-deposited DPC materials
- Copper clad layer
- High reliability
- Low thermal resistance < 2.1 K/W
- CTE matched for chip bonding

**TYPICAL SPECS**

AuSn Thickness 6  $\mu$ m, Melting Point 280 - 320 °C



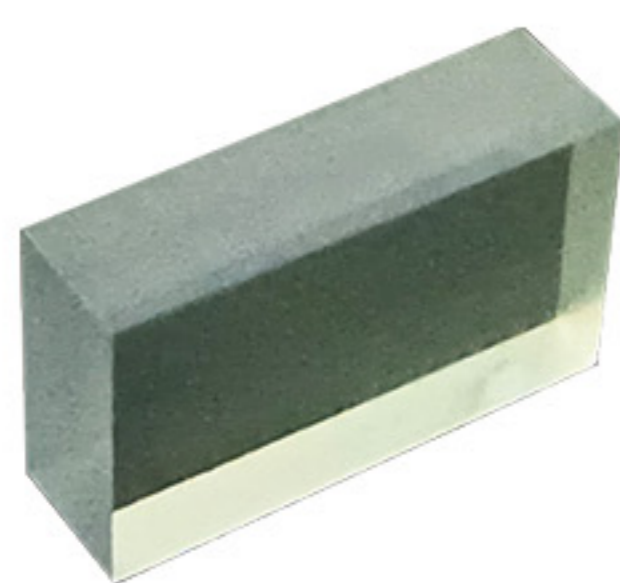
**Slow axis collimator (SAC)**  
SAC12 / SAC22

**FEATURES**

- High index, thinner & lighter upon premium collimation performance
- Wafer based technology without symmetric issue & capacity concern
- Better surface waviness and roughness performance
- Excellent optical coating durability for wide bandwidth
- Unbiased physical dimension for automatic assembly
- Aspheric design available on request

**TYPICAL SPECS**

AR Coating Spectrum 900 - 1000 nm, EFL 12 / 21.94 mm.



**Reflection mirror**

**FEATURES**

- High Accuracy + High Reflectivity: Effectively Reducing Optical Signal Losses
- High Consistency + Volume Production
- Customized coating products available for diverse application requirements

**COMPANY INTRODUCTION**

Founded in 2007 and headquartered in Xi'an, China, Focuslight Technologies Inc. is a fast-growing public company (SSE Star Market: 688167) that develops and manufactures high power diode lasers (photon generation), laser optics (photon control), and photonics modules and systems (application solutions) with a focus on automotive, pan-semiconductor, and medical & health application solutions. In 2017, Focuslight successfully acquired LIMO GmbH, and completed the brand unification in January 2022. In January 2024, Focuslight acquired SUSS MicroOptics (now as Focuslight Switzerland). Focuslight owns over 400 patents worldwide and is ISO 14001, ISO 45001, ISO 9001, and IATF 16949 certified. Additional information can be found at [www.focuslight.com](http://www.focuslight.com).