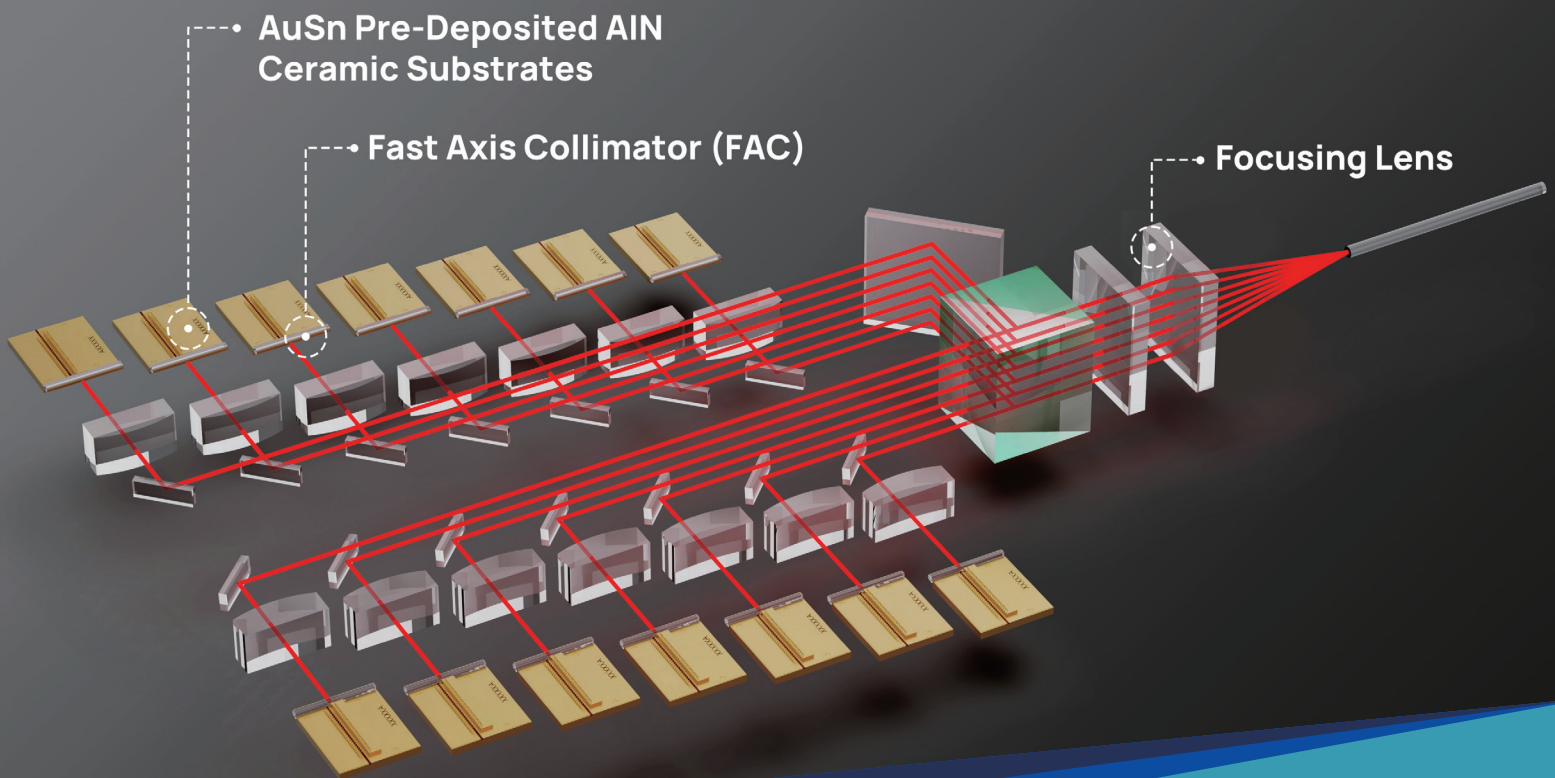


# FIBER LASER PUMPING COMPONENTS

Enabling high-performance, high-reliability pumping modules



## PRODUCTS

- Fast Axis Collimators (FAC)
- AuSn Pre-Deposited AlN Ceramic Substrates
- Focusing Lens

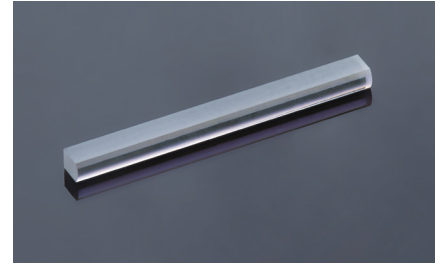
## Fast Axis Collimator (FAC) FAC300 / FAC360

### FEATURES

A cylindrical 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).

#### KEY SPECIFICATIONS

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

- AuSn pre-deposited DPC materials
- Low thermal resistance < 2 K/W
- Copper clad layer
- CTE matched for chip bonding
- High reliability

#### KEY SPECIFICATIONS

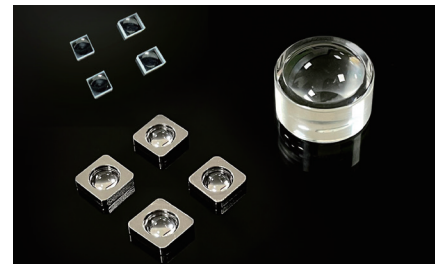
AuSn Thickness	$4.5 \pm 1 \mu\text{m}$
Melting Point	280 - 320 °C



## Rotary Symmetric Aspherical Glass Lenses

#### KEY SPECIFICATIONS

Material	D-ZK3/D-LAK6..... (moldable materials with different refractive indices)
Outer Diameter Range	1.5 - 45 mm
Outer Diameter Tolerance	$\pm 0.003\text{mm}$
Thickness Tolerance	$\pm 0.003\text{mm}$
Transmission Decenter	30" - 90"
PV	0.2-1.0 $\mu\text{m}$
Appearance	20-10
Coating	Anti-reflective coating, reflective coating, beam splitting coating, etc.



## COMPANY INTRODUCTION

Founded in 2007 and headquartered in Xi'an, China, Focuslight Technologies Inc. is a fast-growing public company (Shanghai: 688167) that specializes in developing and manufacturing high-power diode laser components and materials, laser optics, as well as photonics module and system solutions focusing on optical communication, automotive, pan-semiconductor, and medical and health applications. Focuslight has expanded its global footprint through strategic acquisitions including LIMO GmbH in 2017 and SUSS MicroOptics SA in 2024 (now as Focuslight Switzerland SA). With the acquisition of assets from ams OSRAM in 2024, Focuslight extends its business to be a global photonics foundry by providing global photonics industry process development and manufacturing service under the brand of Heptagon.



[www.focuslight.com](http://www.focuslight.com)