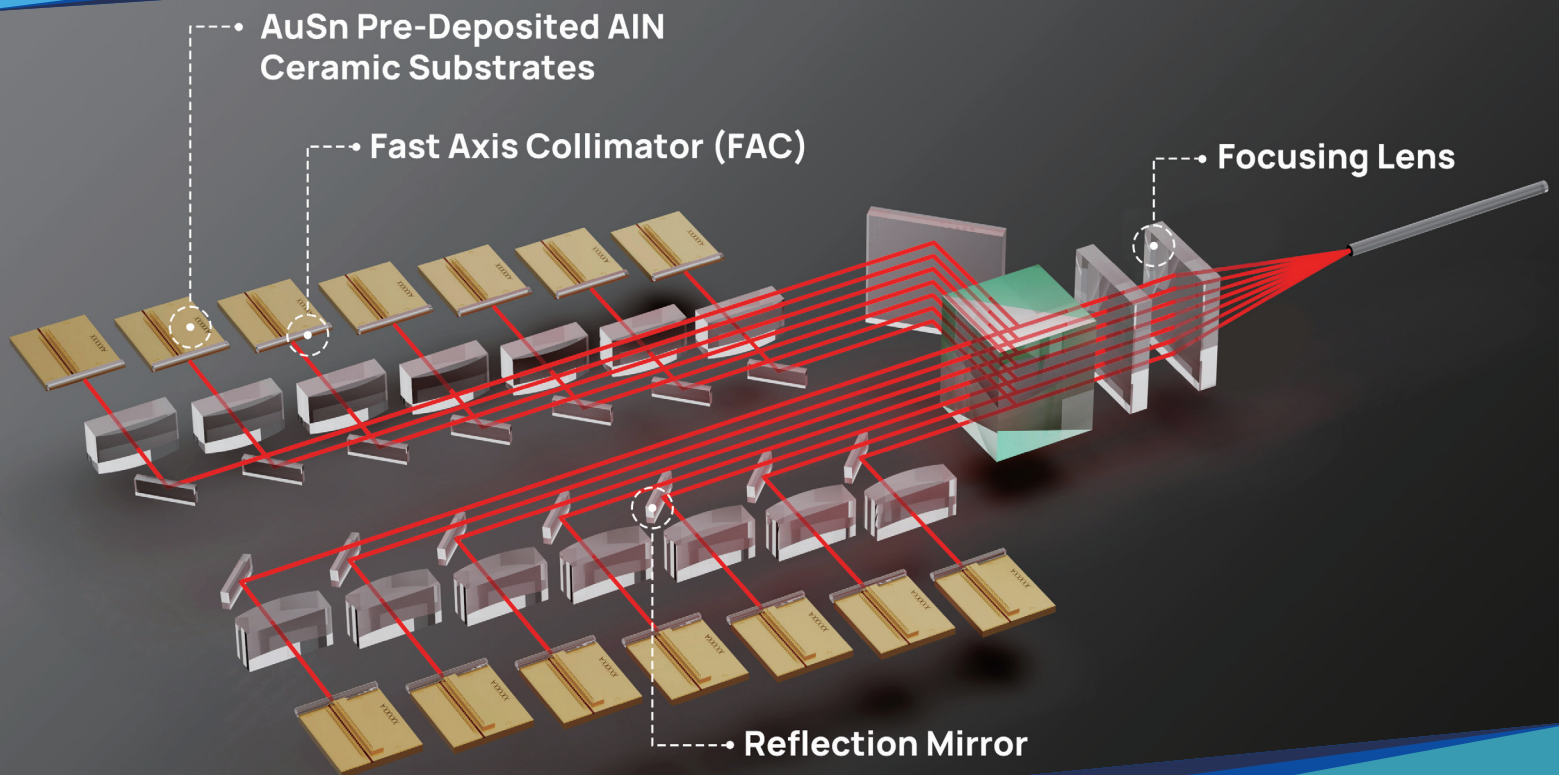


FIBER LASER PUMPING COMPONENTS

Enabling high-performance, high-reliability pumping modules



PRODUCTS

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

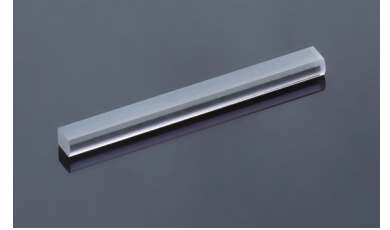
Fast Axis Collimator (FAC) FAC300 / FAC360

FEATURES

Acylindrical lens for the collimation of the fast axis of diode lasers. The new revision has an increased power content of >92% within ± 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 < 2.1 K/W
- Copper clad layer
- CTE matched for chip bonding
- High reliability

KEY SPECIFICATIONS

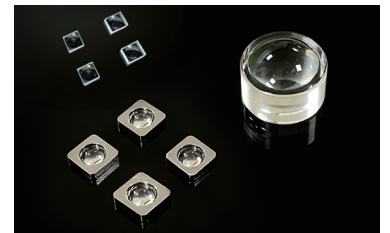
AuSn Thickness	6 μ m
Melting Point	280 - 320 °C



Rotary Symmetric Aspherical Glass Lenses

KEY SPECIFICATIONS

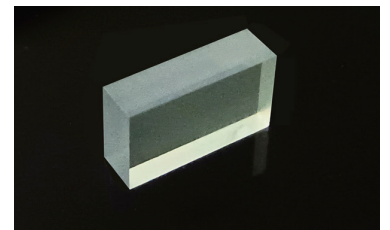
Material	D-ZK3/D-LAK6..... (moldable materials with different refractive indices)
Outer Diameter Range	1.5 - 45 mm
Outer Diameter Tolerance	+/-0.003mm
Thickness Tolerance	+/-0.003mm
Transmission Decenter	30"-90"
PV	0.2-1.0 μ m
Appearance	20-10
Coating	Anti-reflective coating, reflective coating, beam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



Reflection Mirror

KEY SPECIFICATIONS

Size Range	2mm x 2mm - 300mm x 300mm
Surface Irregularity	1/10 λ @ diameter 150mm
Surface Roughness	4 - 0.8nm
Surface Imperfection	20/10



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