



Product

Products

- ▶ Industrial Lasers

- ▶ High Brightness Fiber-coupled Diode Laser Module

- ▶ Chip/Bar on Carrier

- ▶ Kilowatts Laser Diode Stack

- ▶ Laser Technical Support Service

Industrial Lasers



450nm Fiber coupled Diode Laser System

Applications:

- Precision Welding
- Aluminum welding
- Copper welding
- 3D printing
- Additive manufacturing
- Precision Cutting/ Drilling

450nm Performance:

Model	Units	BDL450-30	BDL450-250	BDL450-500
Output Power	W	30	250	500
Wavelength	nm	~450	~450	~450
Bandwidth	nm	~10	~10	~10
Power Adjustment	%	5~100	5~100	5~100
Power Stability(8 hours)	%	<5% full power	<5% full power	<5% full power
Fiber Diameter (Core)	um	105	200	300
Fiber Numerical Aperture	N/A	<0.15	<0.22	<0.22
Beam Product Parameter	mm-mard	<8	<23	<34
Standard Filber Length - Connector Type	m	5-RQB	5-QBH	5-QBH