

Fiber Coupled and Collimated Laser Diode Modules



Fiber coupled laser diode modules

Fiber coupled laser diode modules

Features

- High power and high brightness
- Single wavelength and single fiber output
- Fiber core diameter 0.05-1.0mm, NA 0.22
- Fiber connector output SMA 905 (typical)
- Wavelength output 780-1530nm
- Flexible for system integration
- High coupling efficiency
- Power output up to 10KW

Show less

Typical Products and Specifications(Typical Products)

Product Name	Outpower	Fiber Core Diameter
F10-XXX-0.5	10W	50 μm
F20-XXX-1	20W	100 μm
F150-XXX-2	150W	200 μm

F200-XXX-4	200W	400 μ m
F250-XXX-6	250W	600 μ m

We also offer other models not listed above.
For more information, please contact us
with a model number of your choice.

Model Number Breakdown (FY-XXX-Z)
F:Model Type: F = Fiber coupled laser diode
module Y:Output Power (W): Up to 10kW
XXX:Wavelength (nm) *Standard: 808, 915,
940, or 980 nm *Non-standard available.
Please inquire. Z:Fiber Core Diameter (in
hundreds of microns): 0.05-1.0mm



1500W-3500W Laser Diode Module

1500W-3500W Fiber Output Diode Lasers Module

Features

- Output Power 1500W-3500W
- Connection for Fiber Cable
- Fiber termination: SMA, QBH
- Cost effective
- OEM Laser Diode Module for integration

[more information](#)



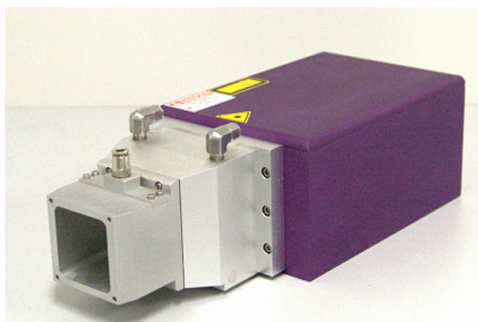
Collimated laser diode modules

Collimated laser diode modules

Features

- High power and superior beam quality
- Polarized beam output
- Low divergence ($\sim 3\text{mrad}$)
- Wavelength 780-1530nm
- Power output up to 1.5KW with signal wavelength
- Single wavelength or multi-wavelength output
- Compact design
- Maintenance free
- Flexible for system integration

[more information](#)



3000W Direct Diode Lasers Head

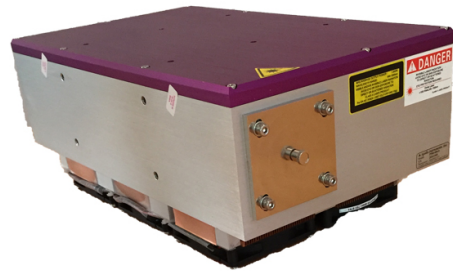
3500W-10,000W Direct Diode Lasers

Features

- Output power 3500W, 10,000W
- Various focused spot size: 1.5X16, 1X4, 1X2, 4X4, 2X50mm etc.
- Cost effective
- Light weight, long working distance
- Ready for integration
- Surface cladding and material surface process

[more information](#)

Laser Diode OEM Application



500W Diode Lasers OEM Module

500W Direct Diode Lasers

Features

- Output Power 200W-500W
- Ready for fiber connection
- Cost effective
- Air Cool Module
- Fiber output, SMA connection

[more information](#)



Specification and Options

Modules Options

In addition to our standard designs, Apollo Instruments offers many existing design modifications that allow for a high degree of product customization. Apollo Instruments also supplies a variety of optical options, such as low aberration focusing and/or collimation assemblies, mirrors, filters, spatial filters, and other accessories. Please inquire for further information if these options or other features can better help us meet your needs.

[Detail Information](#)

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