



BrightLase® High Power Fiber Coupled Module

Features

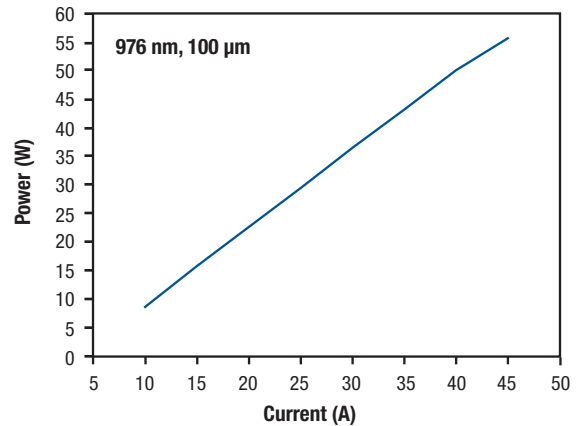
- 808 nm, 976 nm, 1532 nm
- Custom wavelengths available
- Conduction cooled package
- Detachable Fiber
- Fiber delivery with or without armor

Applications

- Laser pumping: Fiber lasers, Solid state lasers
- Materials processing: Marking, Soldering, Plastic welding
- Medical: Dental, Ophthalmology, Therapeutic
- Defense: Target illumination

Benefits

- High performance from solid state lasers and fiber lasers
- Long working distance and sharper features for materials processing applications



PARAMETER	ES-6200-A	ES-6300-A	ES-6402-A
Output power	40 W	45 W	25 W
Operating current	< 37 A	< 40 A	< 60 A
Operating voltage	< 4 V	< 3.5 V	< 2.6 V
Center wavelength	808 nm	976 nm	1532 nm
Wavelength tolerance	± 3.0 nm	± 3.0 nm	± 2.0 nm
Spectral width (FWHM)	< 4 nm	< 5 nm	< 2 nm
Wavelength temperature coefficient	< 0.3 nm/°C	< 0.3 nm/°C	< 0.15 nm/°C
Operating Temperature (Baseplate)	20°C	20°C	25°C
Fiber core diameter (nominal)	100 μm	100 μm	400 μm
Fiber NA (nominal)	0.22	0.22	0.22
Fiber length	1 m	1 m	1 m
Fiber output connector	SMA	SMA	SMA
Module size (L x W x H)	122 mm x 100 mm x 34.35 mm		

BRIGHTNESS and POWER
Breaking Performance Barriers through Semiconductor Laser Innovation

QPC Lasers, Inc.

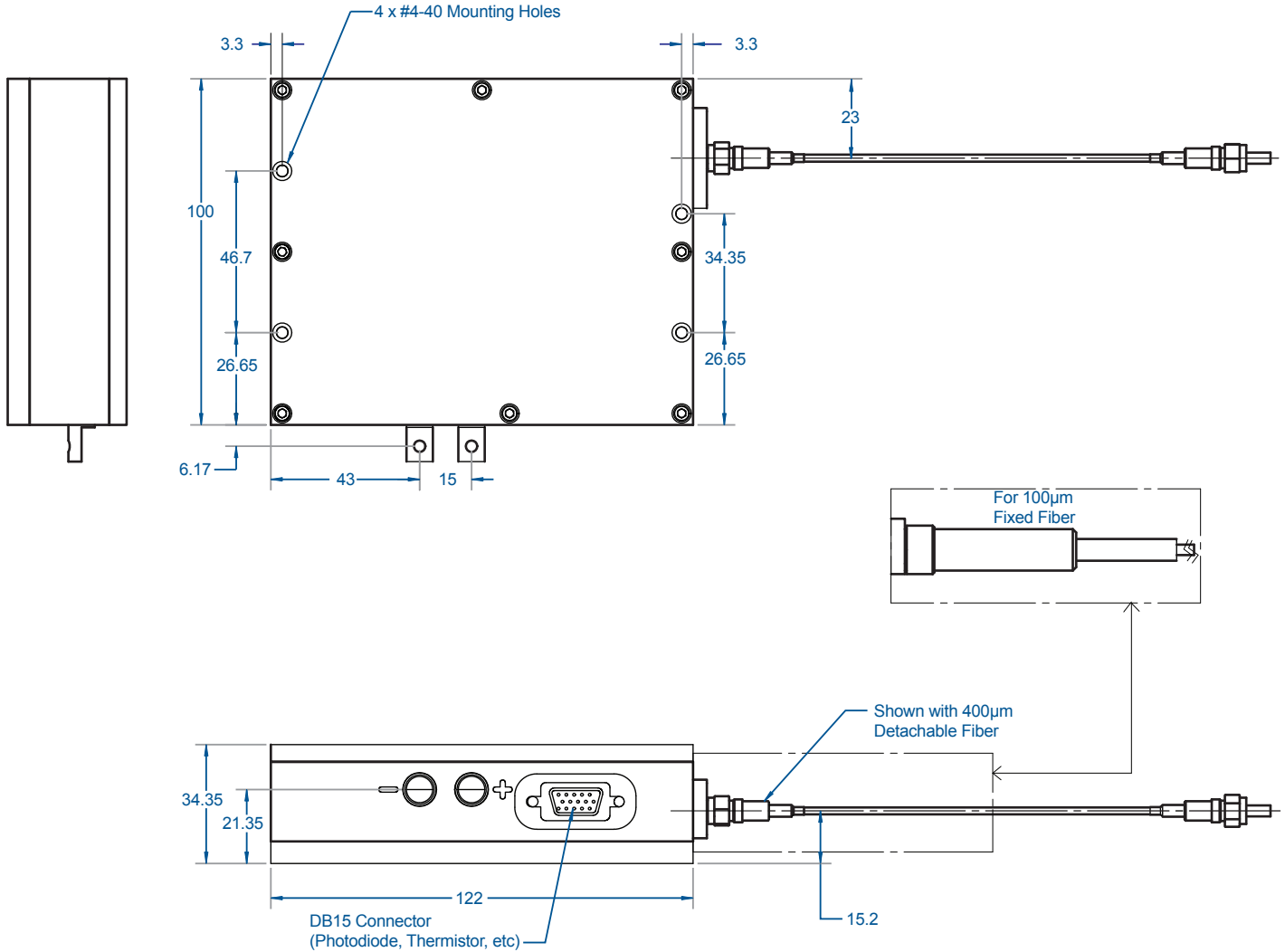
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光技術をサポートする

株式会社オプトサイエンス

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