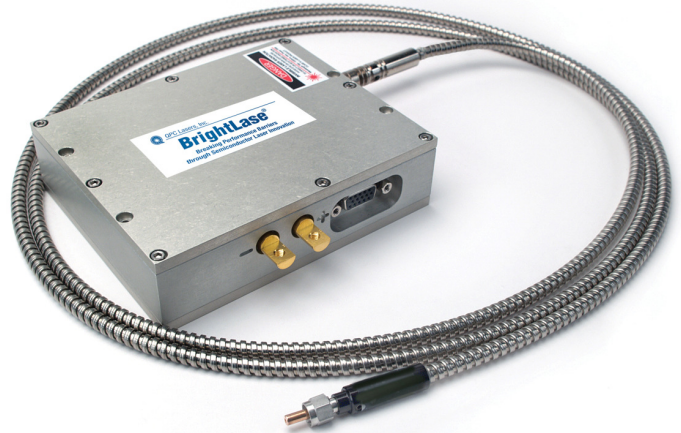




Features

- 792, 808, 888, 976, 1470 nm
- Custom Wavelengths available
- Detachable fiber 100µm, 200µm and 600µm
- Dichroic filter protection available
- Cladding-free power
- Conductively cooled package
- Thermistor Standard
- Aiming Beam, photodiode (Option)
- DB15 Connector interface

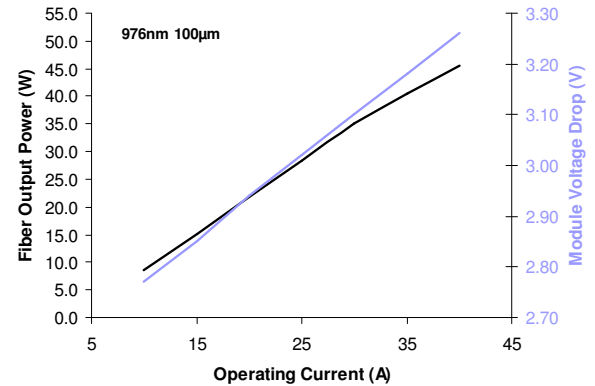


Applications

- High performance pumping of solid state and fiber lasers
- Materials processing: Marking, Soldering, Plastic welding
- Medical: Dental, Ophthalmology, Therapeutic
- Defense: Target illumination, LADAR

Benefits

- Compact
- Long lifetime
- High efficiency
- Long working distance and sharper features for materials processing applications

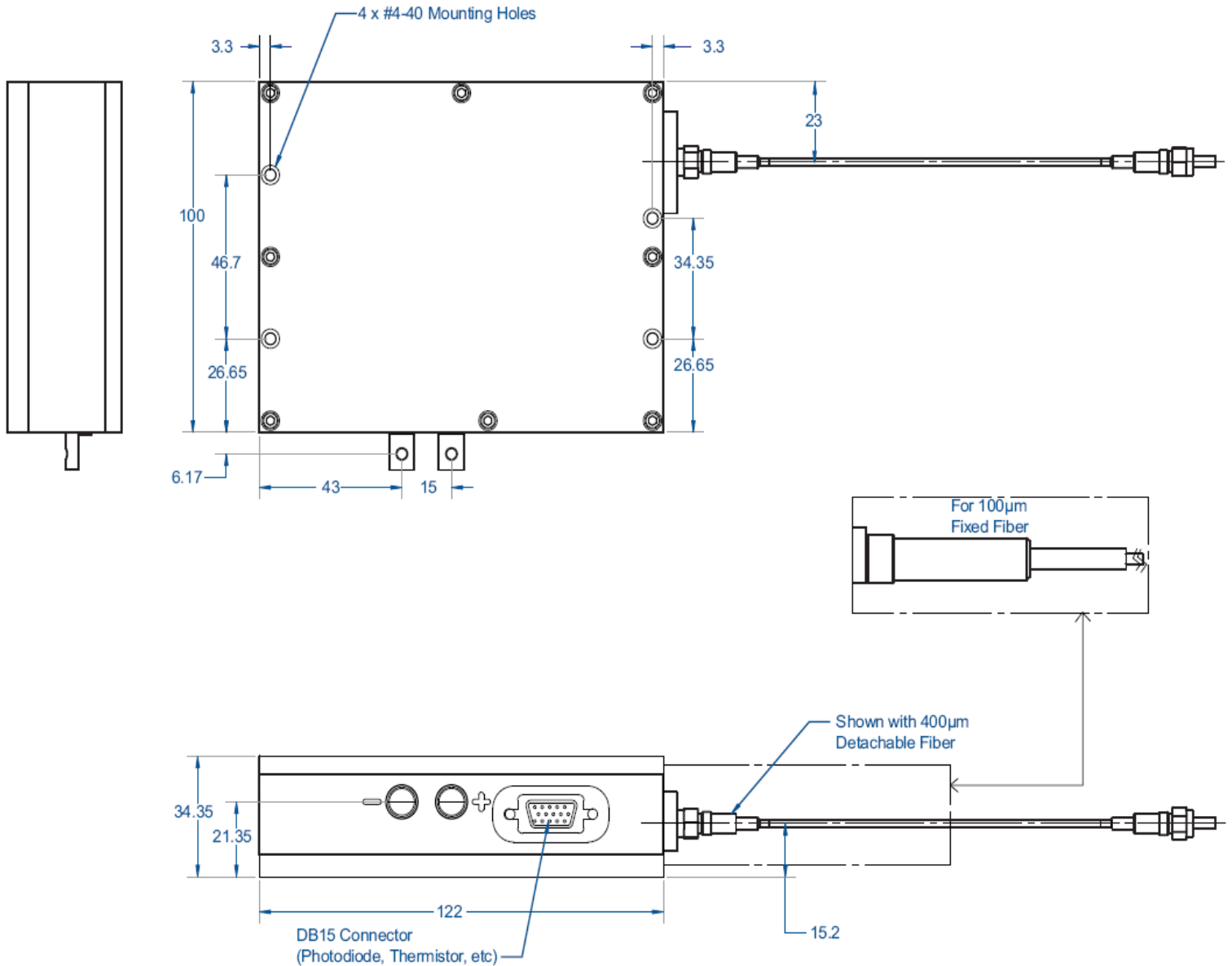


Module Number	6207-0004	6207-0002	6208-0000	6208-0005	6208-0006	6209-0000	6209-0002	6214-0007	6214-0008	6214-0002
Output power	40 W	95 W	40 W	85 W	100 W	60 W	140 W	20 W	30 W	45 W
Operating current	< 37 A	< 58 A	< 37 A	< 60 A	< 55 A	< 65 A	< 80 A	< 44 A	< 44 A	< 55 A
Operating voltage	< 4 V	< 6 V	< 4 V	< 5.5 V	< 5.5 V	< 3.5 V	< 5 V	< 2.6 V	< 4 V	< 4 V
Typical efficiency %	31	31	33	32	42	37	40	21	21	23
Center wavelength	792 nm	792 nm	808 nm	888 nm	888 nm	976 nm	976 nm	1470 nm	1470 nm	1470 nm
λ Tolerance	± 3.0 nm	± 3.0 nm	± 3.0 nm	± 3.0 nm	± 3.0 nm	± 3.0 nm	± 3.0 nm	± 10 nm	± 10 nm	± 10 nm
Spectral width (FWHM)	< 4 nm	< 5 nm	< 4 nm	< 5 nm	< 5 nm	< 4 nm	< 5 nm	< 15 nm	< 15 nm	< 20 nm
Wavelength temp. coefficient	< 0.3 nm/°C	< 0.3 nm/°C	< 0.3 nm/°C	< 0.3 nm/°C	< 0.3 nm/°C	< 0.3 nm/°C	< 0.3 nm/°C	< 0.45 nm/°C	< 0.45 nm/°C	< 0.45 nm/°C
Operating Temp. (Baseplate)	20°C	20°C	20°C	20°C	20°C	20°C	20°C	20°C	20°C	20°C
Fiber core diameter	100 µm	400 µm	100 µm	200 µm	400 µm	100 µm	400 µm	200 µm	200 µm	400 µm
Fiber NA (nominal)	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Fiber length	2 m	2 m	2 m	2 m	2 m	2 m	2 m	2 m	2 m	2 m
Fiber connector	SMA	SMA	SMA	SMA	SMA	SMA	SMA	SMA	SMA	SMA
Size (L x W x H)	122 mm x 100 mm x 34.35									

Warning: Class 4 Laser, Invisible Laser Radiation – Avoid Eye or Skin Exposure to Direct or Scattered Radiation.

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