

Features

- Detachable fiber
- Armor or bare fiber delivery
- Cladding-free power
- Conduction cooled package
- Thermistor
- Visible aiming Beam
- Monitor photodiode
- Replaceable window

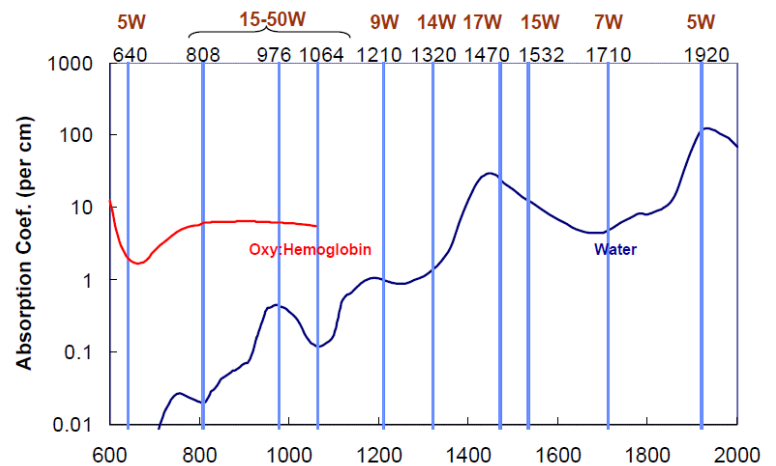


Applications

- Skin Rejuvenation
- Wrinkle Treatment
- Varicose Vein Treatment
- Photodynamic Therapy
- Pain Treatment
- Laser Lipolysis
- Surgery

Benefits

- Compact and low cost replacement of solid state lasers
- Highest efficiency material from 12xx nm to 19xx nm
- Single platform from visible to eyesafe wavelengths
- Medical-grade features and accessories

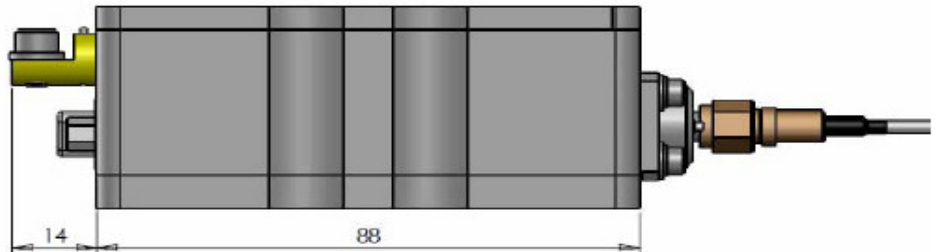
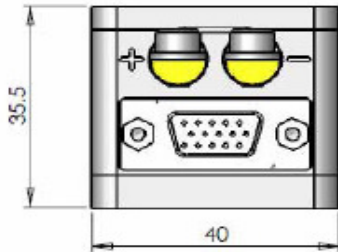
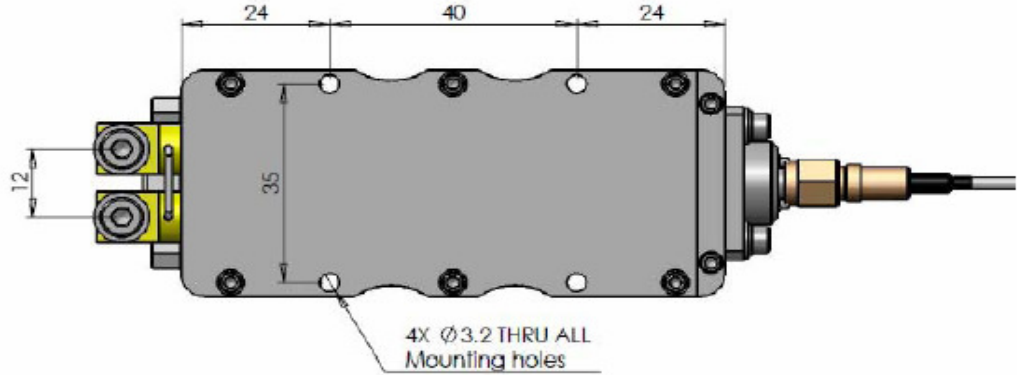


Model Number	6007-M001	6009-M000	6010-M000	6013-M001	6014-M000	6014-M002	6014-M005
Output power	≥ 30 W	≥ 35 W	≥ 30 W	≥ 15 W	≥ 17 W	≥ 12 W	≥ 22 W
Operating current	< 64 A	< 64 A	<64 A	< 50A	< 60A	< 44A	< 37A
Operating voltage	< 1.9 V	< 1.6 V	< 1.6 V	< 1.3 V	< 1.3 V	< 1.3 V	< 2.3 V
Typical efficiency %	31	37	32	30	27	27	27
Center wavelength	792 nm	976 nm	1064 nm	1320 nm	1470 nm	1470 nm	1470 nm
Wavelength tolerance	± 3 nm	± 3 nm	± 10 nm	+15/-10 nm	± 10 nm	± 10 nm	± 15 nm
Spectral width (FWHM)	<3 nm	<5 nm	<8 nm	<12 nm	<12 nm	<12 nm	<15 nm
λ temp. coefficient	<0.3 nm/°C	<0.3 nm/°C	<0.3 nm/°C	<0.45 nm/C	<0.45 nm/C	<0.45 nm/C	<0.45 nm/C
Fiber core diameter	200 μm	200 μm	200 μm	400 μm	400 μm	200 μm	800 μm
Fiber NA (nominal)	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
Fiber output connector	SMA	SMA	SMA	SMA	SMA	SMA	SMA
Operating/Test Temp	20°C	20°C	20°C	20°C	20°C	20°C	20°C
Internal thermistor	NTC 10K Ω	NTC 10K Ω	NTC 10K Ω	NTC 10K Ω	NTC 10K Ω	NTC 10K Ω	NTC 10K Ω
Module size (L x W x H)	100 mm x 41.5 mm x 31.5 mm						

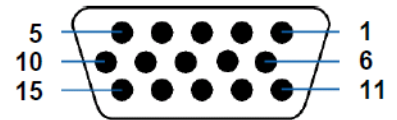
Warning: Class 4 Laser, Invisible Laser Radiation – Avoid Eye or Skin Exposure to Direct or Scattered Radiation.

Laser Operations LLC

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Pin number	Assignment
1	Fiber detection sensor
2	Fiber detection sensor
3	To Aiming beam power supply "+"
4	To Aiming beam power supply "-"
5	Monitor Photodiode "+"
6	Monitor Photodiode "-"
7	Optional secondary MPD
8	Optional secondary MPD
9	Not used
10	Optional secondary thermistor
11	Option TBD
12	Option TBD
13	Option TBD
14	Thermistor
15	Thermistor



BRIGHTNESS and POWER

Breaking Performance Barriers through Semiconductor Laser Innovation

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