



Fiber Coupled Module with Internal Gratings

Applications

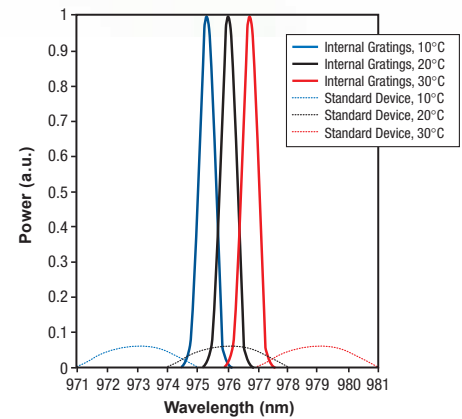
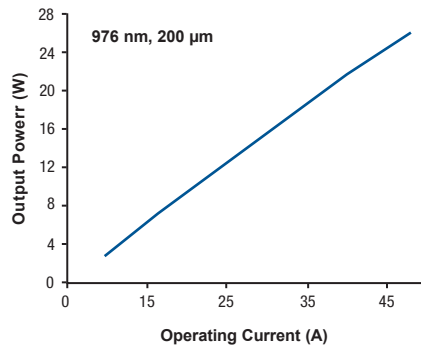
- Fiber laser pumping
- Spectroscopy

Features

- Accurate center wavelength: 808, 976, 1532 nm
- Narrow linewidth
- Stabilized spectrum: Reduced sensitivity to temperature
- Detachable Fiber
- Fiber delivery with or without armor

Benefits

- High performance from fiber lasers
- Reduced thermal requirements



	ES-175	ES-163	ES-172
Output power	≥ 25 W	≥ 25 W	≥ 12 W
Operating current	< 44 A	< 48 A	< 65 A
Operating voltage	< 2.0 V	< 1.7 V	< 2 V
Center wavelength	808 nm	976 nm	1532 nm
Wavelength tolerance	±1.0 nm	±1.5 nm	±2 nm
Spectral width (FWHM)	< 0.5 nm	< 0.7 nm	< 2 nm
Wavelength temperature coefficient	< 0.07 nm/°C	< 0.1 nm/°C	< 0.15 nm/°C
Fiber core diameter (nominal)	400 μm	200 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)	100mm x 41.5mm x 31.5mm	100mm x 41.5mm x 31.5mm	100mm x 41.5mm x 31.5mm
Operating Temperature	20 °C	20 °C	25 °C

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Breaking Performance Barriers through Semiconductor Laser Innovation

QPC Lasers, Inc.

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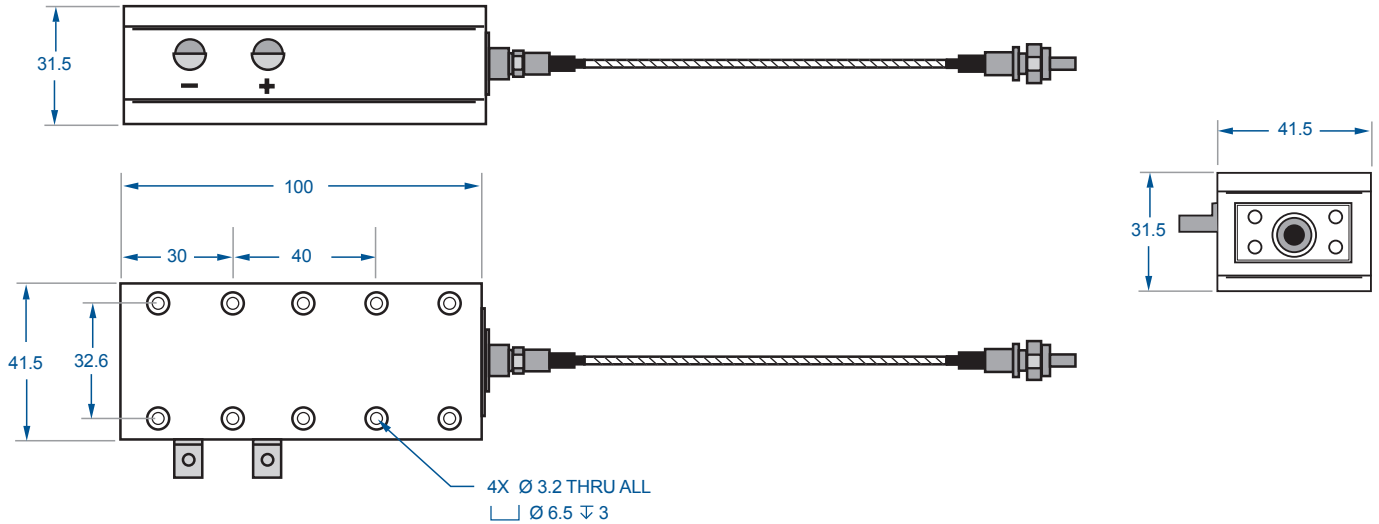
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光技術をサポートする

株式会社オプトサイエンス

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