



BrightLase® Fiber Coupled Mini-Module

Applications

- Medical: Dental, Therapeutic
- Materials processing: Marking, Soldering
- Laser Pumping

Features

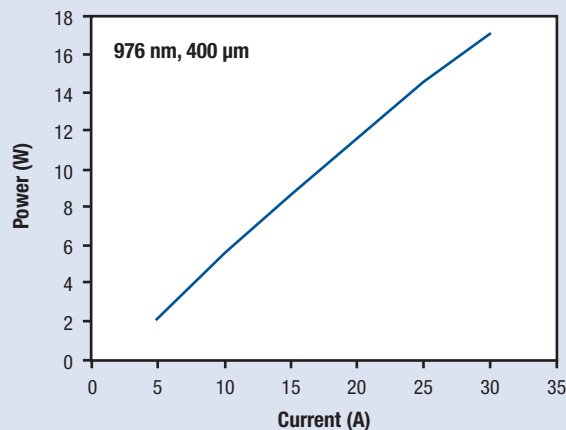
- 15W from 400 micron, 0.22NA fiber
- 808, 976 and 1064 nm
- Conduction cooled package
- Detachable fiber

Benefits

- Low Cost for Direct Diode applications
- Compact footprint in conduction cooled package



Parameters	ES-6203-A	ES-6303-A	ES-6301-A
Output power	≥15 W	≥15 W	≥15 W
Max operating current	<30 A	<32 A	<35 A
Max operating voltage	<1.9 V	<1.9 V	<1.8 V
Center wavelength	808 +/-10 nm	976 +/-20 nm	1064 +/-25 nm
Spectral width (FWHM)	<5 nm	<10 nm	<12 nm
Wavelength temperature coefficient	<0.3 nm/°C	<0.3 nm/°C	<0.3 nm/°C
Fiber core diameter	400 μm	400 μm	400 μm
Fiber NA	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)	72.4mm x 37.5mm x 29.7mm	72.4mm x 37.5mm x 29.7mm	72.4mm x 37.5mm x 29.7mm



BRIGHTNESS and POWER
Breaking Performance Barriers through Semiconductor Laser Innovation

QPC Lasers, Inc.

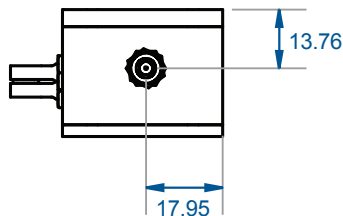
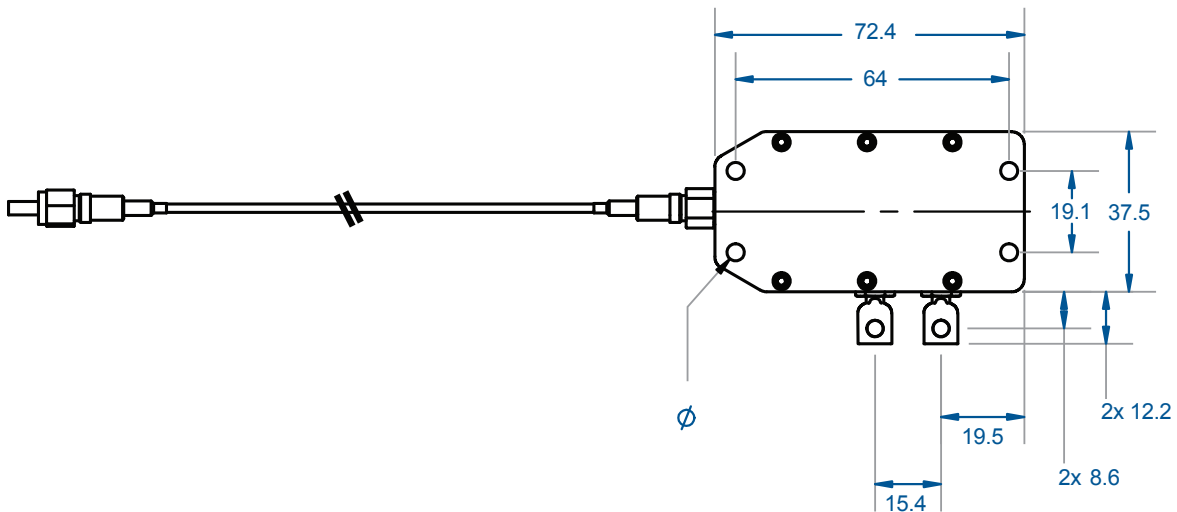
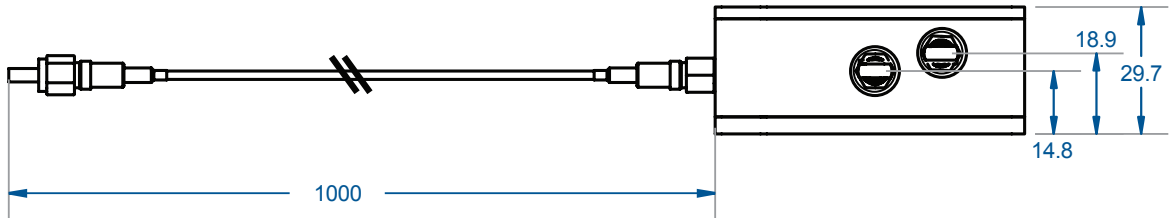
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光技術をサポートする

株式会社オプトサイエンス

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