

Solid State **Fiber LD DPSS** and Optical System

for **Inspection, Measurement, Spectroscopy, Biotech and Medical compact laser module**

Wavelength (nm) 262, 266, 349, 351, 355, 405, 430, 473, 490, 532, 560, 590, 658, 672, 946, 980, 1047, 1053, 1064, 1120, 1313, 1320, 1340

All product, Made In Japan !

OEM Degin for customize, for Mass Product

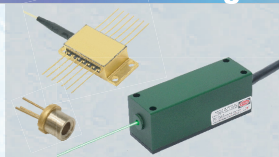


PL-9000

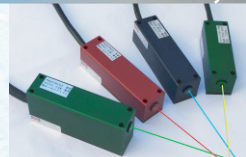
3W@Fiber



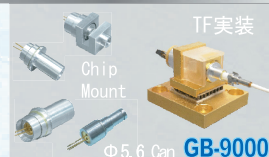
LD-8000HF



High Performance **LD** UV to NIR
Narrow Band 0.0001nm Modulation to 40MHz
TO-Can Butter-fly etc.



DPSS Multi-wavelength laser
Ultra-Low Noise, SLM/STM
RGB Free Space Co-Axis



DDS Diode Direct SHG
Blue · Green · Yellow SLM & STM
SHG by Wave-Guide PPLN

PPLN-SHG and DPSS Laser
457nm · 532nm Max **5W** High Power
Compact with TEC W4×H4×L7mm

808nm LD@Fiber High Power
Core Φ0.2 Fiber upto **70W**
Top is Lower than **10Amp**

Low Noise & Dynamic Range100% · SLM&STM · Q-Switch · Chip-type Laser



BIO-9050GFS

DDS Fiber Output Laser
偏波保持Fiber出力最大100mW
最速50MHz変調ゲイミツクン 0~100%



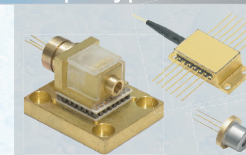
PLED-3000

LED Source Fiber Module
High Power & High Brightness
DOE Beam Refrom to ●●●●

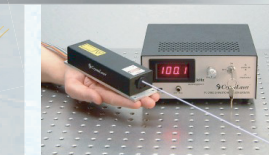


FM-9535 LD

Multi-Wavelength Fiber Output
DDS · DPSS · LD · SLD · LED UV / Vis / NIR
MMF · SMF · PMF, 5-Wavelength Combiner



Green LD Can5.6 Betterfly Chip
DDS&DPSS for Multi-Applications
Max **1W@532nm**, 200MHz Modulationable



Compact Q-switch DPSS
10ns Pulse@100KHz
UV 262nm ~ VIS 532/679nm

High Power L D · Solid state laser · Fiber Laser · Laser Processing Machine



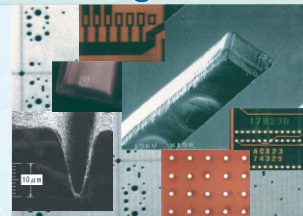
LD or Laser Fiber Output
405/445/645nm Max **100W** KHz Pulse



Q-Switch DPSS High Power Laser
532~266nm 10ns@10~500KHz Max **50W**

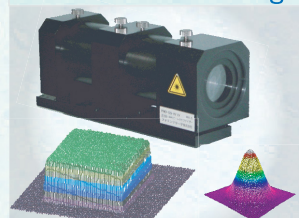


Industrial Laser Micro-Machining
PC-NC · Auto Focus · Auto Assembly



Micro-Machining Cuttermize
Sample Test to Processing Design

Laser Beam Homogenizer optical system



Laser Beam Homogenizer
High Uniformity with 10μm Sharp Edge Zoomable
YAG/Excimer Customize Design



Fiber Output Beam Homogenizer
Square Beam Fiber Output without Special
Max 5x Zoomable and High Uniform Beam

Fiber accessories optical system



Fiber Beam Combiner
RGB-NIR in one PMF/SMF/MMF
I-L < 3dB Max 5x1 Beam Combine



Beam Reform by Fiber Output
R-Line · B-Round · G-Square
Reformed by DOE/Aspheric/GRIN-Lens

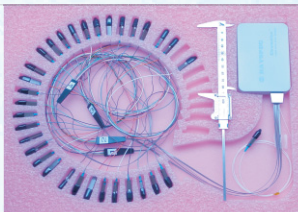


Laser NLO Opti Crystal

Optical communication module, device, part



Gain Module/Gain Monitor
Metro-I/II/III, S/C/L Band EDFA



Multiplexer DWDM
40/80ch · Compact · Coolerless



High Power EDFA
Max +24dBm for DWDM etc.



F-P Filter etc.
Tunable Filter · Wavelength Scan Filter



2.5Gbps Transceiver Variable Attenuator Fixed attenuator Mechanical variable attenuator Isolator Coupler/Collimator FO-Switch Nx4~8 Splitter Tree PinOSA VCSEL PinTia FBG Fiber F-P Filter

フotonリサーチ 株式会社



Photon R&D, Inc. an I/O Group Company

Narusawa Bldg., 2-35-5, Minamisuna, Koto-ku, Tokyo 136-0076, Japan.

● TEL. 03-6659-8368

● FAX. 03-6659-8369

● <http://www.prd.co.jp>

● information@prd.co.jp