

Continuous Wave Fiber Laser



Type	Wavelength	Output Power
<u>405-940 CW Single Mode Fiber Laser</u>	405/450/488/520/532/638/660/670 /685/785/808/830/850/905/940nm	5 -150mW
<u>793-1064 CW Multi Mode High Power Fiber Pump Laser</u>	793/808/915/976 nm	5/10/25W
<u>974/976 CW Single Mode Fiber Laser</u>	974/976 nm	200 - 1000mW
<u>1030/1064 CW Single Mode Fiber Laser</u>	1064 nm	100mW - 10W
<u>1310 CW Single Mode Fiber Laser</u>	1310 nm	5/10/20mW
<u>1450/1480 CW Single Mode Fiber Laser</u>	1425/1435/1455/1465/1480 nm	200 - 800mW
<u>1550/1570 CW Single Mode Fiber Laser</u>	1550 nm	10mW - 20W
<u>2000 High Power CW Fiber Laser</u>	1900-2050 nm	> 30 W

Nanosecond Fibre Lasers



1064/1550nm Nanosecond Pulse Fiber Laser

Picosecond Fibre Lasers



DFB/FP Picosecond Laser (370-1550nm)



515/532nm Picosecond Pulse Laser (<200mW)



532/1064 Duel Output Picosecond laser (<1W)



532/1064nm High Power Picosecond Laser (>2W)



1030/1064 Picosecond Pulse Laser (<1W)



1035nm High Power Picosecond Laser (>10W)



1550nm High speed Ps laser (Pulse & CW)

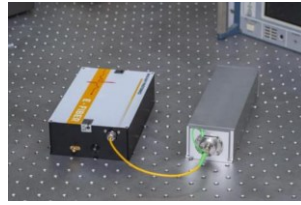


1560nm Picosecond Pulse Laser (1-120mW)

Femtosecond Fibre Lasers



520nm Femtosecond Laser



780nm Low Power Femtosecond Laser



780nm High Power Femtosecond Laser



920nm Femtosecond Laser



1030/1035nm Fs Laser



1064nm Fs Laser



1300nm Fs Laser



1560nm Femtosecond Laser

Product	Wavelength Range	Pulse Width	Average Power	Rep Rate	Pulse Energy
<u>520nm Femtosecond Laser</u>	520 nm	180 fs	0.8-2 W	80 +/- 1.5 MHz	10-25 nJ
<u>780nm Femtosecond Laser</u>	780±10 nm	<100 fs	>30 mW	80 MHz	>0.4 nJ
<u>780nm High Power Fs Laser</u>	780 nm	<150 fs	0.8 W	80 +/- 1.5 MHz	10 nJ
<u>920nm Femtosecond Laser</u>	920 nm	<130 fs	> 1-4 W	80 +/- 2 MHz	>12.5 - 50 nJ
<u>1030/1035nm Femtosecond Laser</u>	1030/1035 nm	10 ps - 400 fs	>10-30 W	80 +/- 2 MHz	125 nJ - 40 uJ
<u>1064nm Femtosecond Laser</u>	1064 nm	10 ps - 400 fs	>2- 20 W	80 +/- 2 MHz	20 nJ - 20 uJ
<u>1300nm Femtosecond Laser</u>	1300 nm	<150 fs	2 W at 2 MHz	Single shot to 2 MHz	1 uJ
<u>1560nm Femtosecond Laser</u>	1560±10 nm	50 - 500 fs	1 mW - 1 W	80 Mhz - 200 MHz	>10 nJ
<u>2000nm Femtosecond Laser</u>	1970±10 nm	200 fs	200 mW	80 MHz	>2.5 nJ

DPSS / Diode Lasers



Pigtails Laser Diode

- 400nm-1550nm
- Power 10-50mW



CW Laser Diode Module

- 375-785nm
- Power 10-200mW



Multiple Wavelength Laser Combiner Module



OEM Diode laser module



DPSS Pulsed ns Lasers

- 266/355/532/1064nm
- Pulse width 10-100ns
- Pulse energy: uJ to mJ level



DFB/FP Picosecond Laser

- 370-1550nm
- Pulse Width: <100ps
- Peak power: 20mW to 400mW

Narrow Linewidth Fiber Laser



Ultra-Narrow Linewidth HI-Q Laser



Narrow Linewidth Fiber Laser

Broadband/Tuneable Lasers



C-Band Tuneable Laser

- Wavelength 1529~1567nm
- Power: >50dB



L-Band Tuneable Laser

- Wavelength 1554~1607nm
- Power: >50dB



2000nm Widely Tuneable Laser



Supercontinuum Fiber Lasers

- 450 - 2300nm
- Pulse Duration < 10ps
- Average Power >1000mW



Broadband Femtosecond Laser

- 950 – 1150nm
- Pulse Duration 15-20 fs
- Peak Power > 120 kW

Erbium Doped Fibre Amplifier C & L Band



EDFA Single Mode C-Band - PA/BA



EDFA Single Mode C-Band High Power



EDFA Single Mode C-Band In-Line



EDFA SM Multi-Wavelength C-Band Gain Flatten



EDFA PM C-Band Low Power / High Power



EDFA Single Mode C-Band Pulsed



EDFA Single Mode L-Band High Power



EDFA PM L-Band Low Power / High Power

Type	Wavelength	Input	Output
<u>EDFA Single Mode C-Band - Standard/ Booster</u>	1530 - 1565 nm	-45 dBm to -25dBm -6dBm to +3dBm	35@-35dBm / 45@-45dBm 15/17/20/23/25/26 dBm
<u>EDFA Single Mode C-Band In-Line</u>	1530 - 1565 nm	-25 dBm to +3 dBm	13/17/23/25/26 dBm
<u>EDFA Single Mode Multi Wavelength C-Band Gain Flattened</u>	1530 - 1565 nm	-32 dBm to -10 dBm	14/17/20/23 dBm
<u>EDFA Single Mode C-Band High Power</u>	1530 - 1565 nm	- 6 dBm to +10dBm	27/30/33/35/37/40 dBm
<u>EDFA Polarization Maintaining C-Band PM - Low / High Power</u>	1530 - 1565 nm	-30 dBm to +3 dBm - 6 dBm to +10 dBm	14/17/20/23/26 dBm 30/33/37/40 dBm
<u>EDFA Single Mode C-Band Pulsed</u>	1530 - 1565 nm	1-10mw	1-1000W
<u>EDFA Single Mode L-Band Low Power / High Power</u>	1530 - 1603 nm	- 6 dBm to +10 dBm	27/30/33/37 dBm
<u>EDFA Polarization Maintaining L-Band Low / High Power</u>	1530 - 1603 nm	- 6 dBm to +3 dBm - 6 dBm to +10 dBm	15/17/20/23/25 dBm 27/30/33/37 dBm

Raman Amplifiers YDFA / TDFA



Ytterbium Doped Fiber Amplifier



Thulium-Doped Fibre Amplifier



Fiber Raman Amplifier

Single & Multi-Wavelength LED Source



Un-collimated LED Source (340-980nm)



Super High-Power Collimated LED 365-980nm



Deep UV Collimated LED 240-340nm



High-Power Collimated LED 365-980nm



High Power Fiber-Coupled LED (255 - 980nm)



Filtered High Power Fiber-Coupled LED (265 - 940nm)



Lightguide-Coupled LED Source



BLS Series High Current



BLS-Series High Speed



SLA-Series / SLB-Series



High Precision Universal 4-Channel LED

Standard Light source & Wavelength Selector



Flexible Wavelength Selector Auto



Flexible Wavelength Selector Manual



Mighty Light Sources

ASE/SLD Light Source (850-2000nm)



Super-Broadband SLD (850~1650nm)



Multi-Channel SLD (1300 - 1680nm)



C-Band Broadband ASE (1528~1563nm)



L-Band Broadband ASE (1567~1603nm)



C+L-Band Broadband ASE (1528~1603nm)



1060nm Broadband ASE (1030~1080nm)



2000nm Broadband ASE (1850~2000nm)

IR Emitter Chip & Controller (2-14um)

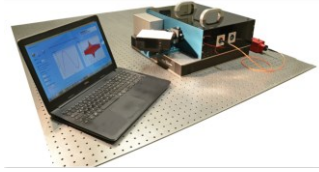


IR Emitter Chip (2-14um)

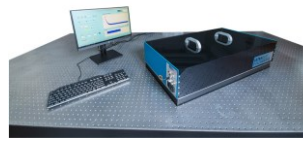
Ultrafast Laser Device



Light Field Synthesizer



White Light Interferometer



CRD Loss Meter and Reflectometer



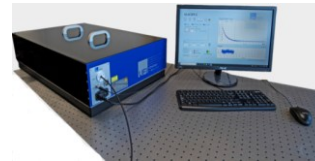
Ultra-High Contrast 3rd-Order Autocorrelator



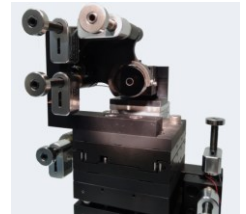
Coherent Ultrabroadband XUV Light Source



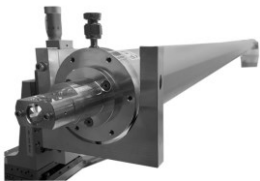
Enhanced Cavities for Laser Light



XUV/IR Pulse Delay Unit



Supercontinuum Cavity-Ringdown Reflectometer



High Powered Hollow-Core Fiber Compressor



Hollow-Core Fiber Compressor