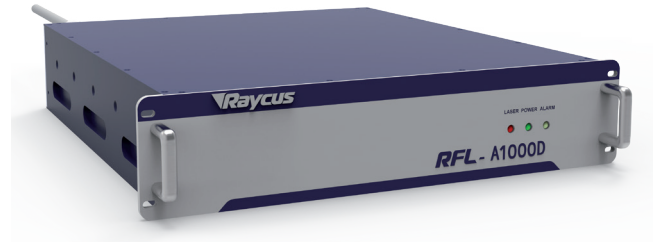


DIRECT DIODE LASER

- Wide modulation frequency range
- High electro-optical conversion
- Plastic laser welding, non-contact soldering
- Wavelength customizable
- Optimized optical quality



SPECIFICATION

Product Name	RFL-FDDL50X	RFL-FDDL100X	RFL-A200D	RFL-A500D	RFL-A1000D	RFL-A1500D	RFL-2000D
Output Power	50 W	100 W	200 W	500 W	1000 W	1500 W	2000 W
Wavelength ¹	915±10 nm	915±10 nm	915±10 nm	915±10 nm	915±10 nm	915±10 nm	915±10 nm
Output Power Stability	<±1 %	<±1 %	<±1 %	<±1 %	<±1 %	<±1 %	<±1 %
Modulation Frequency	1-10 KHz	1-10 KHz	50-10 KHz	50-5 KHz	50-5 KHz	50-5 KHz	50-5 KHz
Fiber core ²	200 µm	200 µm	200 µm	300/400 µm	300/400 µm	300/400 µm	400/600 µm
Numerische Apertur	0,22	0,22	0,22	0,22	0,22	0,22	0,22
Terminal Type	SMA905	SMA905	SMA905	QBH	QBH	QBH	QBH
Control Mode	RS232/AD	RS232/AD	RS232/AD	RS232/AD	RS232/AD	RS232/AD	RS232/AD
Cooling	Air	Air	Air	Water	Water	Water	Water
Delivery Cable Length	5 m	5 m	5 m	5 m	10 m	10 m	10 m
Power Supply	DC 24V	DC 24V	DC 48V	230 VAC, 50/60 hz	230 VAC, 50/60 hz	230 VAC, 50/60 hz	380 VAC, 50/60 hz
Range of Power (%)	10-100 %	10-100 %	10-100 %	10-100 %	10-100 %	10-100 %	10-100 %
Operating Temperature	10 – 40 °C	10 – 40 °C	10 – 40 °C	10 – 40 °C	10 – 40 °C	10 – 40 °C	10 – 40 °C

¹ Optional 976 nm

² Customized