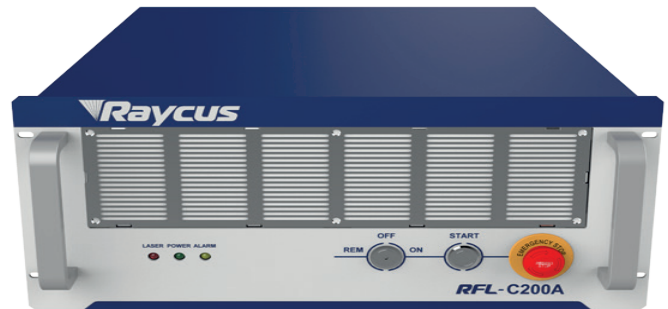


SINGLEMODE CW FIBER LASER AIR COOLED

- Field for application e.g. 3D printing
- Anti-reflection
- Optimized optical quality
- Compact design
- Very competitive price



SPECIFICATION

Product Name	RFL-C200A	RFL-C300A	RFL-C500A
Operation Mode	CW / Modulate	CW / Modulate	CW / Modulate
Average Power (CW)	200 W	300 W	500 W
Wavelength	1080±5 nm	1080±5 nm	1080±5 nm
Repetition Frequency Range	1-20 KHz	1-20 KHz	1-20 KHz
Output Power Stability	< 3%	< 3%	< 3%
Terminal Type	QBH/QCS	QBH/QCS	QBH/QCS
Output Fiber Core	25 µm	25 µm	25 µm
Beam Quality	M ² < 1,3	M ² < 1,3	M ² < 1,3
Power Supply	230 V, Single Phase	230 V, Single Phase	230 V, Single Phase
Control Mode	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet
Range of Power (%)	20-100 %	20-100 %	10-100 %
Power Consumption	800 W	1200 W	2000 W
Dimensions (mm) W*H*D	450x236x665	450x236x665	450x236x665
Cooling	Air	Air	Water
Operating Teperature	10 – 40 °C	10 – 40 °C	10 – 40 °C

SINGLE MODULE CW FIBER LASER

- Wide modulation frequency range
- High electro-optical conversion
- Anti-reflection
- Sheet cutting efficiency
- Optimized optical quality



SPECIFICATION

Product Name	RFL-C750	RFL-C1000	RFL-C1500	RFL-C2000	RFL-C3000S	RFL-C4000S	RFL-C6600S	RFL-C8000S	RFL-C10000S	RFL-C12000S
Operation Mode	CW Modulate	CW Modulate	CW Modulate	CW Modulate	CW Modulate	CW Modulate	CW Modulate	CW Modulate	CW Modulate	CW Modulate
Average Power (CW)	750 W	1000 W	1500 W	2000 W	3000 W	4000 W	6600 W	8000 W	10000 W	12000 W
Wavelength nm	1080±5	1080±5	1080±5	1080±5	1080±5	1080±5	1080±5	1080±5	1080±5	1080±5
Repetition Frequency Range	1-20 KHz	1-20 KHz	1-20 KHz	1-5000 Hz	1-5000 Hz	1-5000 Hz	1-5000 Hz	1-5000 Hz	1-5000 Hz	1-5000 Hz
Output Power Stability	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%
Terminal Type	QBH	QBH	QBH	QBH	QBH	QBH	QBH	QBH	QBH	QBH
Output Fiber Core *	25 µm	25 µm	50 µm	50 µm	50 µm	50 µm	50 µm	50 µm	50 µm	75 µm
Beam Quality	M ² < 1,1	M ² < 1,3	M ² 5-7	M ² 5-7	M ² 5-7	M ² 5-7	M ² 4-6	M ² 4-6	M ² 4-6	M ² 6-9
Power Supply	230 V, Single Phase	230 V, Single Phase	230 V, Single Phase	400 V, three Phase	400 V, three Phase	400 V, three Phase	400 V, three Phase	400 V, three Phase	400 V, three Phase	400 V, three Phase
Control Mode	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet	RS232 / AD / Ethernet
Range of Power (%)	10-100 %	10-100 %	10-100 %	10-100 %	10-100 %	10-100 %	10-100 %	10-100 %	10-100 %	10-100 %
Dimensions (mm)	410x405 x150	410x405 x150	410x610 x150	414x686 x158	485x251 x900	447x250 x1102	560x1148 x1269	560x1148 x1269	560x1148 x1269	560x1148 x1269
Cooling	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Operating Temperature	10-40 °C	10-40 °C	10-40 °C	10-40 °C	10-40 °C	10-40 °C	10-40 °C	10-40 °C	10-40 °C	10-40 °C

* Customized