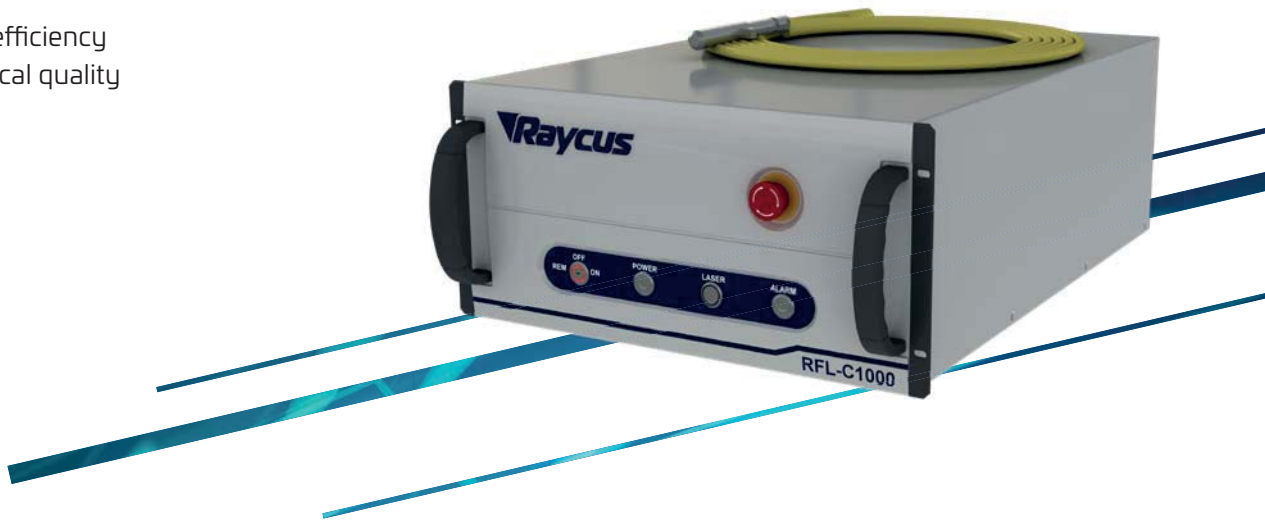


Single Mode CW Fiber Laser

Features

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



Specification

Mode	RFL-C500	RFL-C750	RFL-C1000	RFL-C1500S	RFL-C2000S
Operation Mode	CW / Modulate	CW / Modulate	CW / Modulate	CW / Modulate	CW / Modulate
Average Power	500 W	750 W	1000 W	1500 W	2000 W
Wavelength	1080 ± 5 nm	1080 ± 5 nm	1080 ± 5 nm	1080 ± 5 nm	1080 ± 5 nm
Max. Repetition Frequency	20 kHz	20 kHz	5 kHz	5 kHz	5 kHz
Output Power Stability	< 3%	< 3%	< 3%	< 3%	< 3%
Terminal Type	QBH	QBH	QBH	QBH	QBH
Beam Quality	M ² < 1,1	M ² < 1,1	M ² < 1,3	2.1-2.7 M ²	2.1-2.7 M ²
Polarization State	Radom	Radom	Radom	Radom	Radom
Delivery Cable Length	15 m*	15 m*	20 m*	20 m*	20 m*
Power Supply	230 V, Single Phase	230 V, Single Phase	400 V, three Phase	400 V, three Phase	400 V, three Phase
Control Mode	RS232 / AD /Super Terminal	RS232 / AD /Super Terminal	RS232 / AD /Super Terminal	RS232 / AD /Super Terminal	RS232 / AD /Super Terminal
Range of Power (%)	10-100 %	10-100 %	10-100 %	10-100 %	10-100 %
Power Consumption	2000 W	3000 W	4000 W	6000 W	8000 W
Dimensions (mm)	485x663x237	485x663x237	485x663x237	986x620x520	986x620x520
Cooling	Water	Water	Water	Water	Water
Operating Teperature	10 – 40 °C	10 – 40 °C	10 – 40 °C	10 – 40 °C	10 – 40 °C
Storage Temperature	-10 – 60 °C	-10 – 60 °C	-10 – 60 °C	-10 – 60 °C	-10 – 60 °C

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