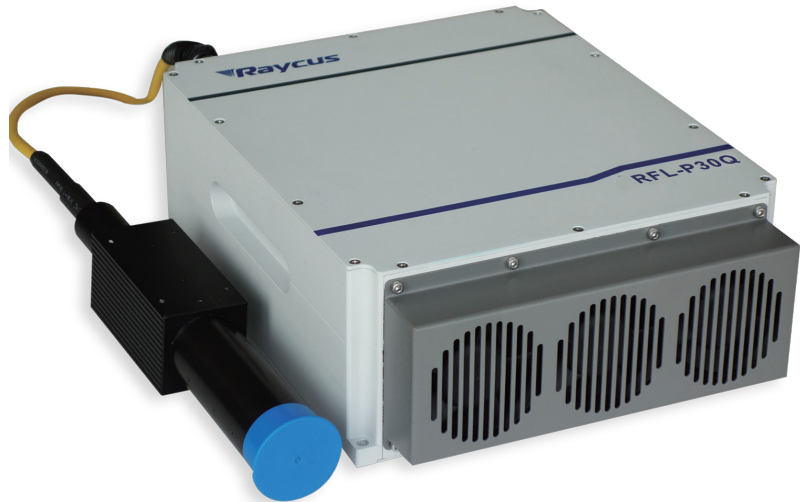


Pulsed Fiber Laser

Features

- » High stable laser output
- » High pulse energy
- » Short pulse setup
- » Compact design
- » Very competitive price



Specification

Mode	RFL-P20QB	RFL-P30QB	RFL-P50QB	RFL-70Q	RFL-P100Q
Output Power	20 W	30 W	50 W	70 W	100 W
Wavelength	1064 nm	1064 nm	1064 nm	1064 nm	1064 nm
Repetition Frequency Range	20-60 kHz	30-60 kHz	50-100 kHz	20-100 kHz	20-100 kHz
Output Power Stability	< 3%	< 3%	< 3%	< 3%	< 3%
Output Beam Diameter	7±1 mm	7±1 mm	7±1 mm	7±1 mm	7±1 mm
Beam Quality	M ² < 1,5	M ² < 1,5	M ² < 1,8	M ² < 1,8	M ² < 1,8
Polarization State	Random	Random	Random	Random	Random
Pulse Width (ns)	<130ns@20kHz	<130ns@30kHz	<130ns@50kHz	<130	<130
Single Pulse Energy	1mJ@20kHz	1mJ@30kHz	1mJ@50kHz	1mJ	1mJ
Delivery Cable Length	3 m*	3 m*	3 m*	3 m*	3 m*
Power Supply	24 V	24 V	24 V	24 V	24 V
Range of Power (%)	10-100%	10-100%	10-100%	10-100%	10-100%
Power Consumption	170 W	240 W	340 W	400 W	500 W
Dimensions (mm)	286x215x95	286x215x95	340x260x120	390x360x123	390x360x123
Cooling	Air	Air	Air	Air	Air
Operating Teperature	0 – 40 °C	0 – 40 °C	0 – 40 °C	0 – 40 °C	0 – 40 °C
Storage Teperature	-10 – 60 °C	-10 – 60 °C	-10 – 60 °C	-10 – 60 °C	-10 – 60 °C

*optional 2 / 4 / 5 m