

RFL-P50QB

PULSED FIBER LASER
Data sheet V 1.0

Features

- » High stable laser output
- » High pulse energy
- » Short pulse setup
- » Very competitive price
- » Performance Level D



TECHNICAL SPECIFICATIONS

Central wavelength	1060-1080 nm	Spectral width (@3dB)	<30nm
Output power	50 W	Delivery cable	⁽¹⁾ 3 m
Max. pulse energy	1 mJ	Supply voltage DC	24 VDC
Range of power	10-100 %	Current consumption	<12 A
Repetition frequency	50-100 kHz	Operating temperature	0 - 40 °C
Pulse width	<150 ns (50kHz)	Storage temperature	-10 - 60 °C
Power instability	<3 %	Cooling method	Air
Beam diameter	6-8 mm	Laser dimension(mm)	215x290x95
Beam quality	<1.6 M ²	Net weight	< 6kg
Laser switching ON/OFF time	<100 µs		

⁽¹⁾ optional 2/5 m

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