

FQ Q-SWITCHED SERIES LASERS



Model Name	FQ-800-5-Y-1064	FQ-70-100-V-1064
Wavelength	1064nm	
Average Power	4W at 5kHz	7W at 100kHz
Spatial Mode	TEM ₀₀ , M ² < 1.5	
Repetition Rate	Up to 10kHz	10 to 100kHz
Pulse Width	10-15ns	< 20ns at < 50kHz
Power Stability	< +/- 2 % over 1 hour	
Pulse to Pulse Stab.	< +/- 3%	
Beam Diameter	2mm at output aperture	
Beam Divergence	< 1mRad at 2mm diameter	
Polarization	>100:1	
Laser Head Size	132mm x 110mm x 376mm	
Power supply	2U high 19 inch rack	
Control	Local & RS232	
Cooling	Air cooled	
Power requirement	100 - 240 VAC, 50 / 60 Hz Max 1000W	

