

SOLEM

Ultrashort Pulsed Fiber Lasers

SPECIFICATIONS	fs	ps
WAVELENGTH	1030 nm	
PULSE DURATION	< 50 fs	< 10 ps
PULSE ENERGY	up to 0.1 μ J	up to 3 μ J
PULSE REPETITION RATE	single pulse to 200 MHz	
AVERAGE POWER	up to 300 mW	
RELATIVE INTENSITY NOISE	< 0.5 %	
POWER STABILITY	< 0.5 %	
M ²	< 1.05	
BEAM DIAMETER	2 mm	
POLARIZATOIN	linear, 1000:1	
NEGATIVE GDD RANGE	-	
WARM-UP TIME	No warm-up time	
MECHANICAL/ ELECTRICAL		
POWER CONSUMPTION	< 100 W	
ELECTRICAL REQUIREMENTS	100-240 VAC 50/60 Hz	
COOLING SYSTEM	Air cooled	
EXTERNAL INTERFACES	USB 2.0, RS 232	
SOFTWARE INTERFACES	User friendly and customizable GUI	
OPTIONS		
PULSE REPETITION CONTROL	Amplifier diode modulation or ext/int AOM both available	
PULSE DURATION CONTROL	Adjustable between 300 fs to 10 ps	