

DURO GHz Femtosecond Fiber Laser

SPECIFICATIONS		DURO fs-BURST
WAVELENGTH		1030 nm
PULSE DURATION		<300 fs
BURST ENERGY		200 μ J
INTRA-BURST REPETITION RATE		4 GHz
BURST REPETITION RATE		100 kHz
PULSE ENERGY		200 - 500 nJ
NUMBER OF PULSES INSIDE BURST		400 - 1000 pulses
AVERAGE POWER		20 W
BURST ENVELOPE SHAPING		available via analog modulation or laser user interface
POWER STABILITY		< 1%
M ²		< 1,2
POLARIZATION, PER		linear, 200:1
MECHANICAL/ELECTRICAL		
POWER CONSUMPTION		<300 W
ELECTRICAL REQUIREMENTS		100-240 VAC 50/60 Hz
COOLING SYTEM		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