

DPSS フェムト秒パルスレーザー

モデル : AOFemto

$M^2 < 1.3$

MOPA 式

アプリケーション

* ガラス加工

* 微細加工



SPECIFICATIONS*	AOFemto 1030			AOFemto 515		
	2-100	10-100	20-200	1-100	5-100	10-200
Wavelength (nm)	1030			515		
Average Power (Watts)	2	10	20	1	5	10
Energy (μJ)	20	100	100	10	50	50
Specified Repetition Rate (kHz)	100	100	200	100	100	200
Repetition Rate (kHz)	Single Shot to 1000					
Pulse Width (fs)	<800					
Beam Quality (M^2)	<1.3					
Beam Roundness (%)	>85					
Beam Diameter (mm)	2.0					
Beam Divergence (mRad)	<1.3			<0.7		
Point Stability (μrad/°C)	<20					
Polarization Ratio	100:1 Linear, Vertical			100:1 Linear, Horizontal		
Pulse-to-Pulse Stability (% RMS)	<2					
Average Power Stability (% over 12 hours)	<3					
Cold Start Warm-Up (mins.)	<30					
Standby Warm-Up (mins.)	<20					
Operational Temperature Range (°C)	15 to 30					