



FL-1550-AO/1-20uJ

ALL FIBER PULSED LASER

All fiber pulsed laser at 1550nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in laser radar, laser ranging, telemetry, medical cosmetology, holography spectrum analysis, scientific experiment, optical instrument, interference, security, etc.

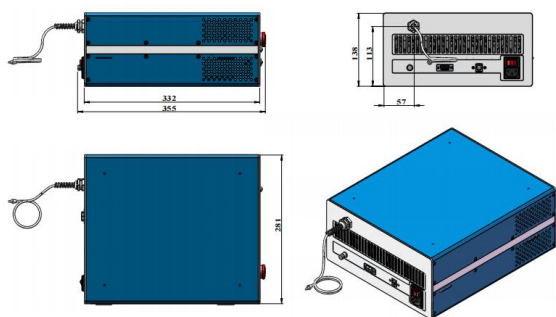


SPECIFICATIONS

Wavelength (nm)	1550±1	
Operating mode	Pulsed	
Single pulse energy (uJ)	>2	>20
Energy stability (rms)	<3%, <2%	
Pulsed width (ns)	0.5-5	5-50
Rep. rate	1-200Hz (adjustable)	
Transverse mode	TEM ₀₀	
M ²	<1.1	
Fiber connector ¹	FC/APC, Collimator optional	
Fiber length(m) ²	1	
Fiber Jacket	PVC, Metal optional	
Beam diameter (mm) ³	4±1 (Collimator output)	
Polarization state (dB)	Random / >15	
Warm-up time (minutes)	<15	
Cooled method	Air cooled	
Operating temperature (°C)	15-35	
Operating voltage (VAC/VDC)	110/220VAC or 12V/11.5A	
Expected lifetime (hours)	>10000	

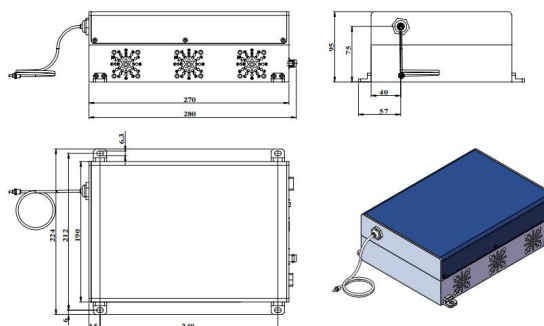


LASER HEAD (Driver integrated) (FL-1550-AO-I)⁴



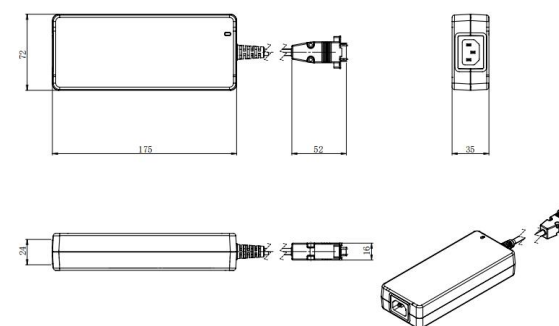
355(L)×281(W)×138(H) mm³, 5.5kg

LASER HEAD (Driver integrated) (FL-1550-AO-II)⁵



280(L)×224(W)×95(H) mm³, 3.5kg

POWER SUPPLY (100-240VAC) optional



350(L)×185(W)×60(H) mm³, 0.7kg

1 Other output mode can be customized. 2 Other lengths are available on request. 3 Other beam diameter can be customized.

4 Operating voltage is 110/220VAC, peak power>4kW. 5 Operating voltage is 12V/11.5A, peak power≤4kW.