



FL-1550-PS/1-2W

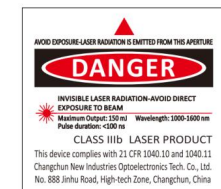
PICOSECOND ALL FIBER PULSED LASER

Picosecond all fiber pulsed laser at 1550nm with SESAM technique is made features of high output power stability, good beam profile, ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in laser radar, precision marking, precision drilling, life science, precision etching, microelectronics, scientific research, etc.

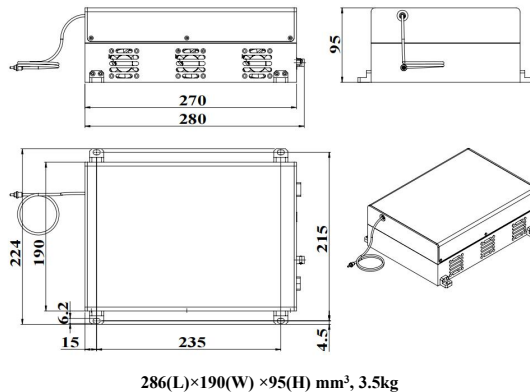


SPECIFICATIONS

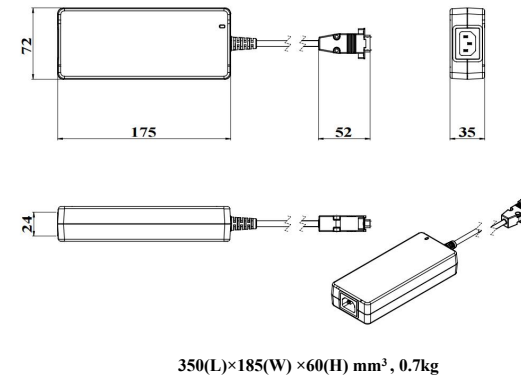
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|-------------------------------------|-----------------------------|-----------------|
| Wavelength (nm) | 1550±1 | |
| Operating mode | Passively | |
| Average power (mW) | 1-100mW | 100mW-2W |
| Power stability (rms, 4 hours ±3°C) | <3%, <2%, <1% | <3%, <1%, <0.5% |
| Pulse duration (ps) | <10 | |
| M ² | <1.2 | <1.5 |
| Rep. rate (MHz) ¹ | 20-60 | |
| Fiber connector ² | FC/APC, Collimator optional | |
| Fiber length (m) ³ | 1 | |
| Fiber jacket | PVC, Metal optional | |
| Polarization ratio (dB) | Random / > 15 | |
| Warm-up time (minutes) | <15 | |
| Cooled method | Air cooled | |
| Operating temperature (°C) | 15-35 | |
| Operating voltage (VDC) | 12V/11.5A | |
| Expected lifetime (hours) | >10000 | |



LASER HEAD (Driver integrated)



POWER SUPPLY (100-240VAC) optional



1 One fixed value between 20-60, frequency accuracy ±1 MHz.

2 Other output mode can be customized.

3 Other lengths are available on request.