



FL-532-PS/1~150mW

SPECIFICATIONS

PICOSECOND ALL FIBER PULSED LASER

Picosecond all fiber pulsed laser at 532nm 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 TCSPC, picosecond processing, laser drilling, glass engraving, scientific research, etc.



| | | |
|-------------------------------------|--|-----|
| Wavelength (nm) | 532±1 | |
| Operating mode | Passive mode-locked | |
| Output power (mW) | 50 | 150 |
| Power stability (rms, over 4 hours) | <2%, <3% | |
| Pulse width (ps) | <10 | |
| M ² factor | <1.5 | |
| Repetition frequency (MHz) | One fixed value between (20-80) ±1 MHz | |
| Polarization ratio | > 15dB | |
| Warm-up time (minutes) | <15 | |
| Beam height from base plate (mm) | 30 | |
| Delivery cable length (m) | variable | |
| Operating temperature (°C) | 15~35 | |
| Power supply | 5V DC | |
| Expected lifetime (hours) | 10000 | |
| Warranty | 1 year | |



| FL-1064-PS | Second harmonic | FL-532-PS |
|--|---|--|
| <p>344(L)×200(W)×100(H) mm³ 6.5kg</p> | <p>220(L)×100(W)×53(H) mm³ 1.1kg</p> | <p>Second harmonic FL-1064-PS</p> |

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