



FL-532-PS/1~150mW

MODE-LOCKED ALL FIBER PULSED LASER

Mode-locked 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.



SPECIFICATIONS

| | | |
|-------------------------------------|--|-----|
| 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 (20-60) ±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 style="text-align: center;">344(L)×200(W) ×100(H) mm³ 3kg</p> | <p style="text-align: center;">220(L)×100(W) ×53(H) mm³ 1kg</p> | <p style="text-align: center;"> Second harmonic FL-1064-PS </p> |