

FL-1030-Pico/10~5000mW

PICOSECOND ALL FIBER PULSED LASER

Picosecond all fiber pulsed laser at 1030nm 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.

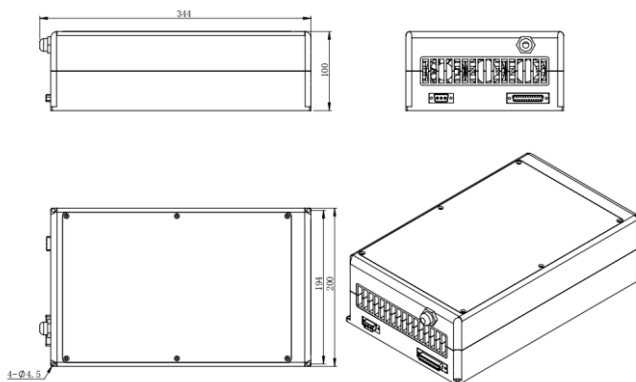


SPECIFICATIONS

| | | | |
|---|---|----------|-----------|
| Wavelength (nm) | 1030±1 | | |
| Operating mode | Pulsed | | |
| Output power (mW) | 10~100 | 100~2000 | 2000~5000 |
| Power stability (rms, over 4 hours) | <2%, <3% | | |
| Pulse width (ps) ⁽¹⁾ | One fixed value between 100~900ps | | |
| M ² factor | <1.2 | <1.8 | |
| Repetition frequency (MHz) ⁽²⁾ | One fixed value between 0.1-20MHz | | |
| Polarization ratio | Random / > 15dB | | |
| Warm-up time (minutes) | <15 | | |
| Delivery cable length (m) | variable | | |
| Operating temperature (°C) | 15~35 | | |
| Power supply | 24V DC | | |
| Expected lifetime (hours) | 10000 | | |
| Warranty | 1 year | | |
| Options | (1) Pulse width 100~900ps variable (2) Repetition rate 0.1-20MHz variable RS 232 interface Higher output power can be customized | | |



FL-1030-Pico



344(L)×200(W)×100(H) mm³ 6.5kg

