



FL-343-Pico/1~50mW

PICOSECOND ALL FIBER PULSED LASER

Picosecond all fiber pulsed laser at 343nm 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 scientific research, laser processing, and so on.



SPECIFICATIONS

| | | | |
|---|---|---------|---------|
| Wavelength (nm) | 343±1 | | |
| Operating mode | Pulsed | | |
| Output power (mW) | 10@5MHz | 30@5MHz | 50@5MHz |
| Power stability (rms, over 4 hours) | <3%, <5% | | |
| Pulse width (ps) ⁽¹⁾ | One fixed value between 100~900ps | | |
| M ² factor | <2 | | |
| Repetition frequency (MHz) ⁽²⁾ | One fixed value between 0.1~20MHz | | |
| 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 | 220V AC / 12V 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 | Third harmonic | FL-343-Pico |
|--|---|---|
| <p>344(L)×200(W)×100(H) mm³ 6.5kg</p> | <p>364(L)×125(W)×67(H) mm³ 1.1kg</p> | <p>Third harmonic FL-1030-Pico</p> |