

## 1920 nm Microchip Laser from RPMC Lasers

RPMC Lasers is pleased to announce a new 1920nm microchip laser. This compact laser provides 2  $\mu$ J pulse energies with <20 ns pulses at rep rates from 1 to 50 kHz in a small compact FP-2 package as seen below. The 1920 microchip laser can serve in a wide range of applications where high absorption by water is required. 1920nm is also an eyesafe wavelength. With an  $M^2 \leq 1.3$ , this laser can be used for direct illumination or coupling through a fiber for integration into units for field, lab or many other applications.

The FP-2 and FP-3 packages are also available at 1064, 1029, 946, 532 and 473 nm wavelengths. These compact lasers offer sub-nanosecond and high peak-power pulses. At 1064, the FP-2 package offers 100mW to 200mW average power with a maximum energy of 20uJ. With the variety in wavelength, these lasers are good for many applications including LIDAR, range finding, bioinstrumentation, marking and coding.

Since 1996, RPMC has been offering high quality dpss lasers as well as laser diodes. We are currently providing millisecond, microsecond, nanosecond, picosecond, femtosecond and cw solid state lasers as well as fiber lasers. We offer some of the newest and most efficient designs available, as well as custom solid state designs. For more information on all our microchip lasers please contact [Derek@rpmclasers.com](mailto:Derek@rpmclasers.com) or call 636-272-7227 ext. 224 for more information or to discuss your application. Please visit our website at [www.rpmclasers.com](http://www.rpmclasers.com)

**Fig1:** 473nm FP-2 microchip laser

2.5uJ at 10 kHz

**Fig2:** FP-3 microchip laser