

Picosecond Fiber Amplified Microchip PicoOmega Series

上海办事处
021-60720974

深圳办事处
0755-26922729

成都办事处
17710735621

NEW!



KEY FEATURES

- Repetition rate up to 1 MHz
- Ultrashort pulses below 200 ps
- Average power up to 1 W
- Excellent beam quality – TEM00, M²<1.1
- Efficient, air-cooled, very compact

Using the same platform as the PicoOne, the PicoMega Series brings passive Q-switching to a new realm. It generates ultra short pulses, with less than 200ps of duration at repetition rates reaching 1 MHz (extended range).

From Lidar to high throughput processing in applications where ultra short pulse width is a “must”, the PicoMega laser has a low cost of ownership compared to more complex picosecond lasers. It can be used as a seeder in applications where still higher power is needed.

APPLICATIONS

- Material processing
- Seeder for high power amplification
- Instrumentation and Lidar

	ANP-500F-100 specifications	Extended range
Repetition rate	200 kHz	200-1000 kHz
Pulse duration	<200ps	<200ps
Average power	>500mW	Up to 1W
Energy	>0,5µJ	Up to 2µJ
Wavelength	1064nm	1064nm 532nm upon request
Package	ANP-II	ANP-II