

## BWC-FLP PULSED FIBER LASER



The BWC-FLP is a compact fiber laser system which was initially developed for eye safe radar and range finder applications. It is based on EDFA and Raman optical amplifier technology. BWC-FLP can generate a high peak power with tunable pulse width and repetition rate.

### Applications

- Fiber Optic Testing
- Eye Safe Lidar
- Eye Safe Range Finder
- Metrology
- Printing
- Micro-material Processing
- Medical Imaging
- Signal transmission

## Specifications

Peak Power Output (Watt.)	60-100
Pulse Energy ( $\mu$ J)	1-4 typical
Wavelength (nm)	1530-1560
Spectral Line width (nm)	Typical 0.3nm (@ 20dB)
Mode	TEM00
Pulse Width (ns)	Up to 40 (adjustable)
Repetition Rate (KHz)	0-2 (adjustable)
M2	<1.1
Beam Size	Out off Corning SM-28, 9 $\mu$ m (optional: with collimator)
Operating Temp.( °C)	0 - 40
Warm-up Time	>5 min
Expected Lifetime (hrs)	>10,000
Operating Voltage	5 DVC
Dimensions (WxHxD)	230mm x 89mmx 300mm
Weight (lb)	<4