

Fiber Laser Cavity - 920 nm

- Fiber laser cavity with micro optic components
- Single mode pulsed laser radiation at 920 nm
- Spliced cavity incl. active fiber and FBG
- All fibers polarization maintaining
- Only one pump diode required

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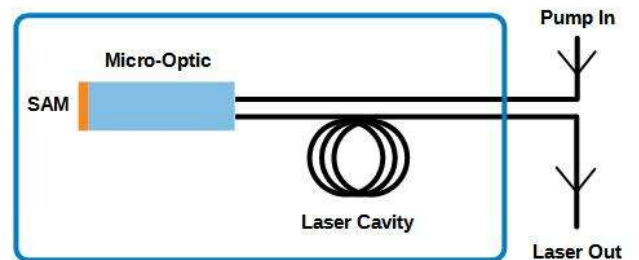
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FMLLC-920 specifications:

- | | |
|---------------------------------|--------------------|
| • Laser emission | 920 nm \pm 3 nm |
| • Spectral width | > 10 nm |
| • Output power | > 10 mW |
| • Repetition rate | 65 MHz \pm 5 MHz |
| • Pulse duration | 1 ps (@ laser out) |
| • Polarisation extinction ratio | > 50 : 1 |

Technical requirements for necessary pump diode:

- | | |
|--------------------|------------------|
| • Laser wavelength | 808 nm |
| • Pump power | \geq 150 mW |
| • Fiber type | SM85 - PS - U25D |
| • Fiber connector | FC/APC |