

## Fiber Laser Building Blocks

# COMPACT OEM RAMAN CAVITY

### Applications:

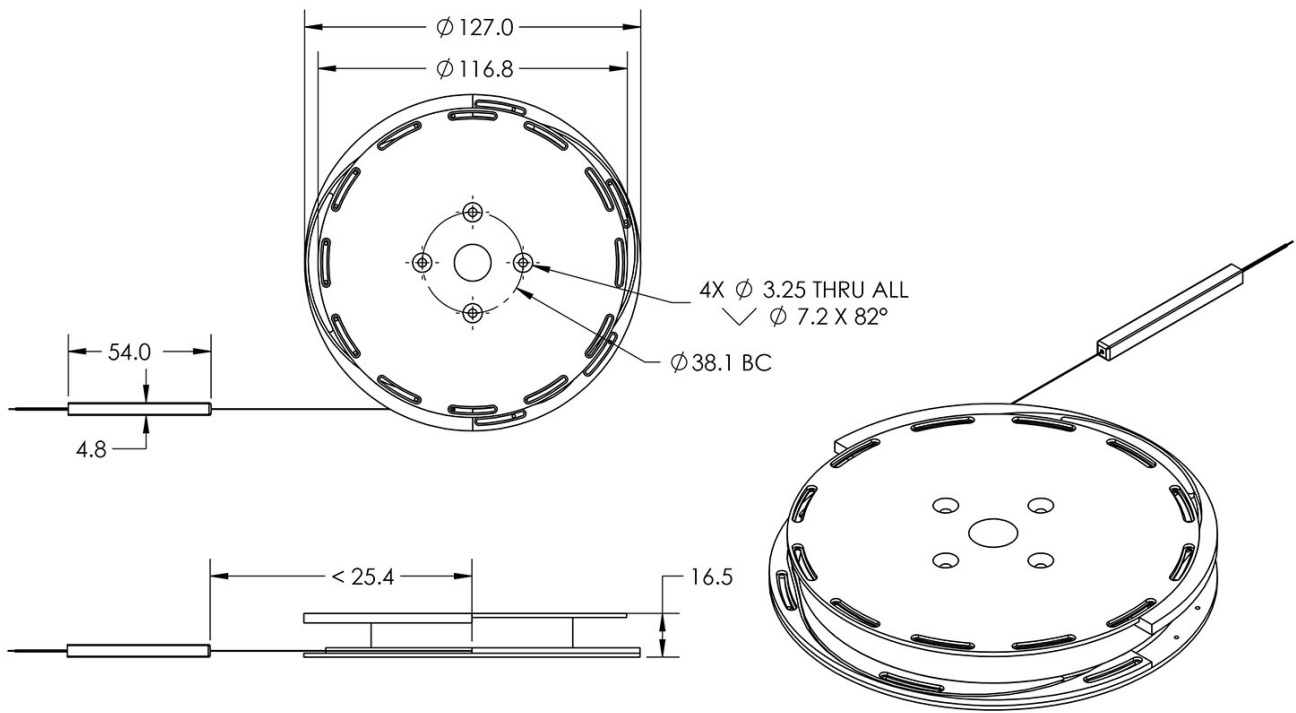
- High brightness fiber laser pumping
- Frequency conversion
- Telecom - Distributed Amplification
- Test and measurement
- EDFA and Raman amplifier pumping
- Medical

### Features and Benefits:

- Wavelength flexibility from 1 to 1.6  $\mu\text{m}$
- Compact OEM module for rapid integration
- Single-mode fiber output



| Specifications              |  | Compact OEM Raman Cavity                    |
|-----------------------------|--|---|
| Pump Input Fibers           |  |   |
| Number of Pump Input Fibers |  | 7   |
| Input Fiber Type            |  | LNAP  |
| Input Fiber Clad Diameter   |  | 125 $\mu$ m                                 |
| Input Fiber Core Diameter   |  | 105 $\mu$ m                                 |
| Input Fiber NA              |  | 0.15  |
| Input Fiber Length          |  | $\geq$ 1m                                   |
| Output Fiber                |  |   |
| Output Fiber Type           |  | Single-mode                                 |
| Output Fiber Length         |  | $\geq$ 1m                                   |
| Performance                 |  |   |
| Output Wavelength Range     |  | Selectable from 1060-1800 nm                |
| Operating Wavelength        |  | Customer request $\pm$ 1nm                  |
| Output Power                |  | < 3.5W                                      |
| Cooling:                    |  | Supplied by Customer                        |
| Pump Diodes:                |  | Supplied by Customer                        |
| Pump Diode Fiber            |  | 105 $\mu$ m core, 125 $\mu$ m clad, 0.15 NA |
| Mechanical Form Factor      |  |   |
| Spool Diameter              |  | 5 inch                                      |
| Spool Height                |  | 0.65 inch                                   |
| Order by Part Number        |  | 7000999-XXXX                                |



For additional information please contact your sales representative.  
 You can also visit our website at [www.ofsoptics.com](http://www.ofsoptics.com) or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



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