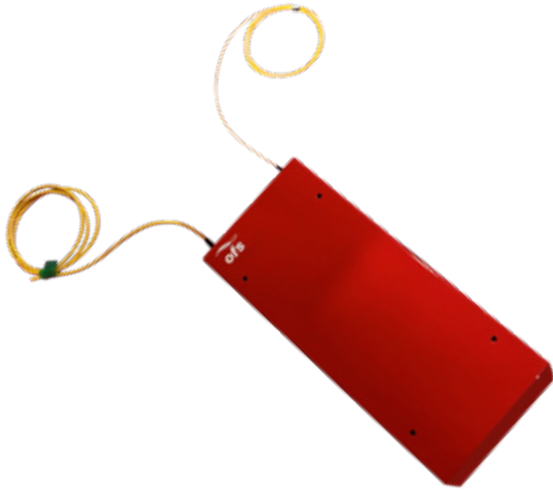




## Compact Raman Fiber Laser Module



### Features and Benefits

- Wavelengths available from 1 to 1.8  $\mu\text{m}$
- 3 and 10W modules available
- Single-mode fiber output

### Overview

Development of the new 3 and 10 W Raman Fiber Laser Module was driven by increasing demand for reliable single mode light sources over a broad wavelength range for a wide variety of Telecom, Medical, industrial and scientific applications.

The Raman Fiber Laser Module builds upon OFS capabilities in kilowatt fiber laser production for the industrial machining and welding market. OFS, a global market leader in the design and manufacture of rare-earth doped fibers, possess the expertise and experience in fiber fabrication necessary to meet that demand. OFS has been developing and manufacturing high-power components and modules for many years and understands the reliability standards expected in the diverse material processing applications.

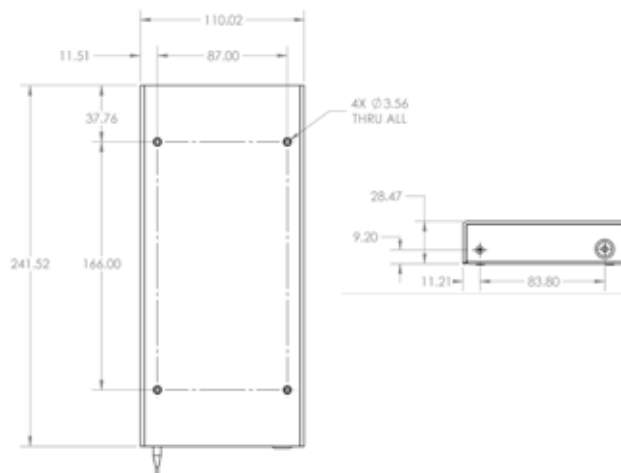
### Typical Applications

High Brightness Fiber Laser Pumping  
Frequency Conversion  
Telecom – Distributed Amplification  
Test and Measurement  
EDFA and Raman Amplifier Pumping  
Medical Applications



## Compact Raman Fiber Laser Module

Product Specifications		7008000-XXXX-XX
Performance		
Operating Wavelength	1 - 1.8 μm	
Output Power (CW)	3 and 10W	
Beam Quality	Single-mode Output Beam	
Optical Fibers		
Pump Fiber Legs		
Number of Pump Fiber Legs	7	
Fiber Type	0.15 NA / 105 μm core / 125 μm cladding (Dual coat, high index acrylate coating)	
Fiber Length (m)	>10m	
Output Fiber		
Fiber Type	SMF-28e	
Fiber Length (m)	>1 m	
Pump Diode Requirements		
Fiber Type		
Cladding Diameter	105/125 μm	
Numerical Aperture Pigtail Fiber	0.15	
Center Wavelength	915 nm	
Mechanical		
Approximate Dimensions	270x110x30	



**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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