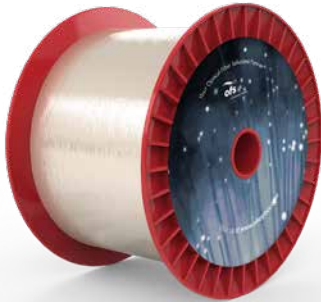




## TrueLase™ Yb 22/400-915-3kW Optical Fiber

P/N: 90973



### Features and Benefits

- Tested to more than 3kW in a forward pumped fiber laser
- Stable operation for hundreds of hours
- Enables easy & efficient integration for monolithic fiber lasers and amplifiers
- Excellent fiber consistency and uniformity using OFS proprietary RE vapor phase delivery process
- TrueClad™ low index coating for extensive durability in sensitive environment and operating conditions

### Overview

Development of the new OFS TrueLase Optical Fiber family was driven by an increasing demand for a reliable fiber supply in the rapidly growing fiber laser market space. Fiber lasers had their start in the erbium doped amplification work done in the early 1990's. OFS, a global market leader in the design and manufacture of Erbium-Doped Optical Fibers, possesses the expertise and experience in fiber fabrication technology 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.

OFS TrueLase Yb 22/400-915-3kW Double Clad Optical Fiber is an ideal tool for integrated high power fiber lasers and amplifiers. Tested to more than 3kW in a forward pumped fiber laser and stable operation for hundreds of hours. OFS's high-volume manufacturing processes ensure lot to lot consistency and lower- cost fiber to the customer. All TrueLase optical fibers utilize the latest TrueClad low index polymer coating specially engineered to ensure superior reliability and performance in the most demanding of environments.

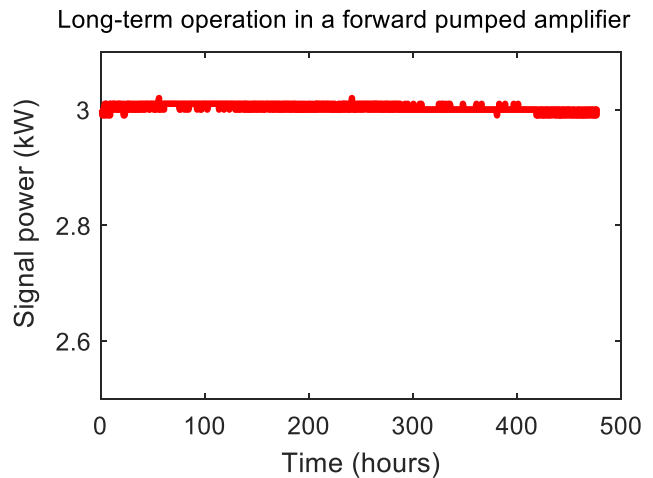
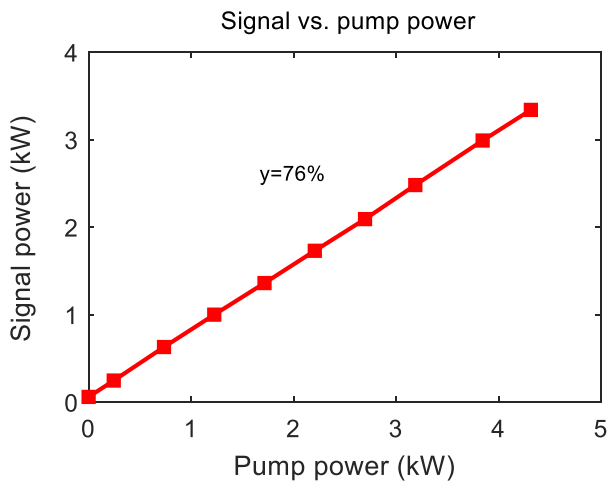


# TrueLase™ Yb 22/400-915-3kW Optical Fiber

P/N: 90973

| Product Specifications       |                    |
|------------------------------|--------------------|
| Product Description          | Yb22/400-915-3kW   |
| Pump Wavelength              | 910-920 nm         |
| Core NA                      | 0.06 ± 0.005       |
| First Cladding NA            | ≥ 0.46             |
| Cladding Absorption @ 915 nm | 0.625 ± 0.025 dB/m |
| Core Diameter                | 22 ± 1 μm          |
| Cladding Diameter            | 400 ± 15 μm        |
| Coating Diameter             | 550 ± 20 μm        |
| Core/Clad Offset             | ≤ 1.0 μm           |
| Cladding Shape               | Octagonal          |
| Mechanical and Environmental |                    |
| Proof Test Level             | ≥100 kpsi          |
| Order by Part Number         | 90973              |

### TrueLase Yb 22/400-915-3kW High Power Performance



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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