



## TrueLase™ 30/400 Polarization-Maintaining Yb-Doped Gain Optical Fiber

Draft Specifications					
Description					
30/400 PM Yb-doped Gain Fiber					
Feature	Min	Typical	Max	Unit	Note
<b>Optical Characteristics</b>					
MFD	24	25	26	μm	@ 1070 nm calculated from $A_{eff}$
Cladding NA	0.46				
Cladding Absorption	2	2.5	3	dB/m	@ 976 nm with wavelength locked pumps
Core Concentricity				1	μm
Optical-Optical Efficiency	80				% @ 1070 nm
TMI Threshold	1				kW @ 1070 nm
Optimal starting bend diameter	15	18	20	cm	
<b>Mechanical Characteristics</b>					
Equivalent Cladding Diameter	385	400	415	μm	Averaged over the shaped cladding
Cladding Shape	Octagonal				
Coating Diameter	535	550	565	μm	
Coating Material	Low Index Polymer				
Proof Test Level	100				kpsi
Order by Part Number	8000164				

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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