

## 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	
Optical Characteristics						
MFD	24	25	26	μm	@ 1070 nm calculated from A <sub>eff</sub>	
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		
Mechanical Characteristics						
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.lightera.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.





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