

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_{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	
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.