

TrueLase™ 22/400 Polarization-Maintaining Yb-Doped Gain Optical Fiber

Draft Specifications					
Description					
22/400 Polarization Maintaining, High Absorption, Yb-doped Gain Fiber					
Feature	Min	Typical	Max	Unit	Note
Optical Characteristics					
MFD	19	19.5	20	μm	@ 1070 nm calculated from Aeff
Cladding NA		0.46			
Cladding Absorption	0.6	0.65	0.7	dB/m	@ 915 nm
Core Concentricity			1	μm	
Optical-Optical Efficiency	80			%	@ 1070 nm
TMI Threshold	2			kW	@1070 nm
Optimal starting bend diameter	9	11	13	cm	
Birefringence	1e-4				Measured at 1480 nm
Mechanical Characteristics					
PM Fiber type		PANDA			
Equivalent Cladding Diameter	385	400	415	μm	Averaged over the shaped cladding
Cladding Shape		Star			
Coating Diameter	535	550	565	μm	
Coating Material		Low Index Polymer			
Proof Test Level	100			kpsi	
Order by Part Number					8000163

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.