

PMC-C-Green-40

Hollow-Core Fiber optimized for green spectral range.



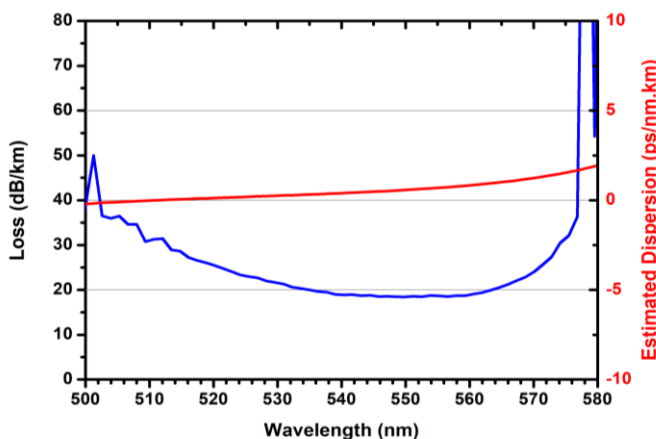
- *Nearly single mode guidance*
- *Low dispersion, low loss*
- *High power and energy handling*
- *Broad spectral coverage*

Physical Properties

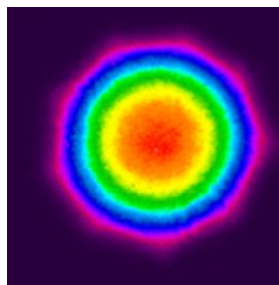
Core contour	Hypocycloid
Inner core diameter	40 $\mu\text{m} \pm 2\mu\text{m}$
Outer fiber diameter	230 $\mu\text{m} \pm 1\%$
Fiber coating diameter	400 $\mu\text{m} \pm 30\mu\text{m}$

Optical Properties

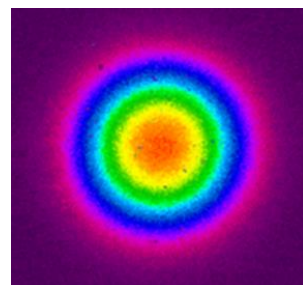
Attenuation @ 515 nm	<30 dB/km
Attenuation @ 532 nm	<30 dB/km
Dispersion @ 532 nm	1 ps/nm.km ± 0.5
Mode Field Diameter (1/e ²) @ 532nm	26 $\mu\text{m} \pm 1 \mu\text{m}$
M ² @ 532nm	<1,2
N.A.	0.014 ± 0.002



Typical attenuation and dispersion



Output near field profile



Output far field profile

All specifications may be changed without notice