

PMC-C-UV

Hollow-Core Fiber optimized for 343-355nm spectral range.



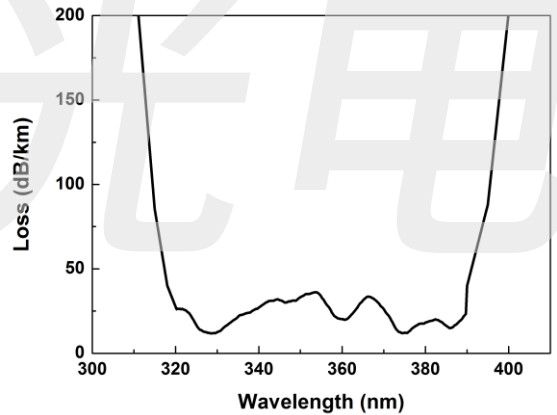
- *Nearly single mode guidance*
- *Low dispersion, low loss*
- *High power and energy handling*
- *Broad spectral coverage*

Physical Properties

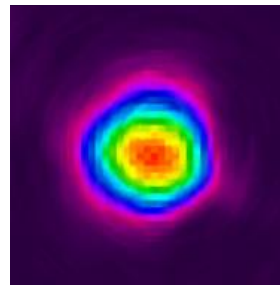
Core contour	Hypocycloid
Inner core diameter	25 or 40 μm
Outer fiber diameter	200 or 230 $\mu\text{m} \pm 1\%$
Fiber coating diameter	400 $\mu\text{m} \pm 30 \mu\text{m}$

Optical Properties

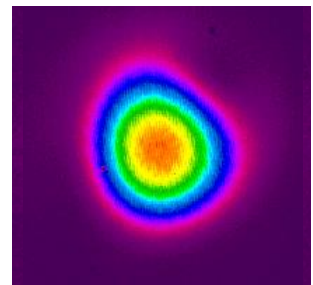
Attenuation @ 355 nm	<150 dB/km
Attenuation @ 343 nm	<150 dB/km
Dispersion @ 343-355 nm	[-5;5] ps/nm.km



Typical transmission



Output near field profile



Output far field profile

All specifications may be changed without notice