



Hollow Core Photonic Crystal Fiber

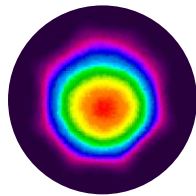
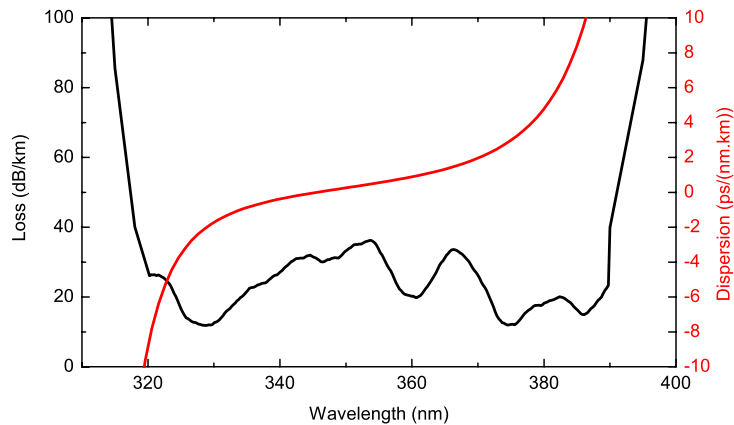
PHYSICAL PROPERTIES

Inner Core Diameter..... **27 ± 3 μm**
 Outer Fiber Diameter..... **200 ± 3 μm**
 Fiber Coating Diameter..... **530 ± 50 μm**

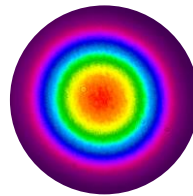
OPTICAL PROPERTIES

Operating Wavelength..... **343-355 nm**
 Attenuation @ 343-355 nm..... **< 50 dB/km**
 Transmission Band (< 80 dB/km)..... **315-395 ± 25 nm**
 Dispersion (Calculated)..... **[-30 ; 50] ps/(nm.km)**
 Numerical Aperture (Estimated)..... **0.020 ± 0.002**
 Mode Field Diameter (Estimated)..... **19 ± 3 μm**

TYPICAL TRANSMISSION



**OUTPUT
NEAR FIELD PROFILE**



**OUTPUT
FAR FIELD PROFILE**

UV
HCPCF-350-27
315 - 395 nm

Blue
HCPCF-450-30
380 - 525 nm

Green
HCPCF-515-532-27
445 - 545 nm

Green 2
HCPCF-515-532-40
465 - 585 nm

NIR
HCPCF-850-60
700 - 1000 nm

NIR 2
HCPCF-1030-1064-60
800 - 1150 nm

SWIR
HCPCF-1550-60
1400 - 1750 nm

SWIR 2
HCPCF-2000-60
1500 - 2375 nm

