



Hollow Core Photonic Crystal Fiber

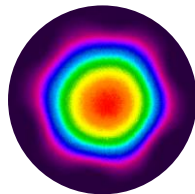
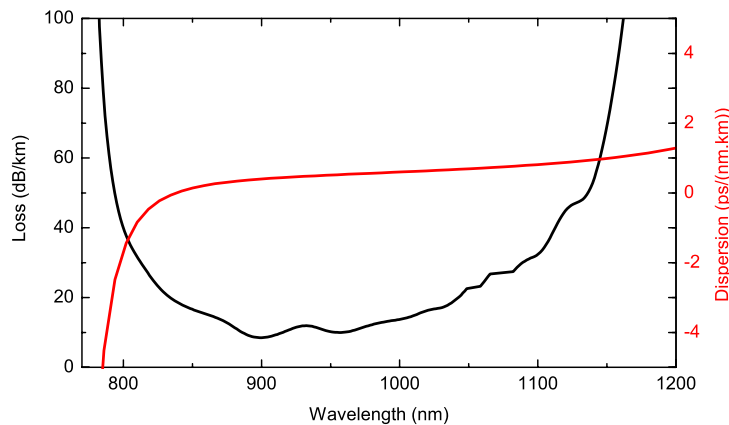
PHYSICAL PROPERTIES

Inner Core Diameter..... **60 ± 3 μm**
 Outer Fiber Diameter..... **320 ± 5 μm**
 Fiber Coating Diameter..... **560 ± 50 μm**

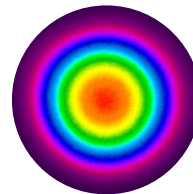
OPTICAL PROPERTIES

Operating Wavelength..... **1030-1064 nm**
 Attenuation @ 1030-1064 nm..... **< 40 dB/km**
 Transmission Band (< 80 dB/km)..... **800-1150 ± 50 nm**
 Dispersion (Calculated)..... **[-2 ; 1] ps/(nm.km)**
 Numerical Aperture @ 1064 nm..... **0.017 ± 0.002**
 Mode Field Diameter @ 1064 nm..... **45 ± 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

