



Hollow Core Photonic Crystal Fiber

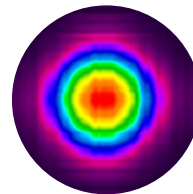
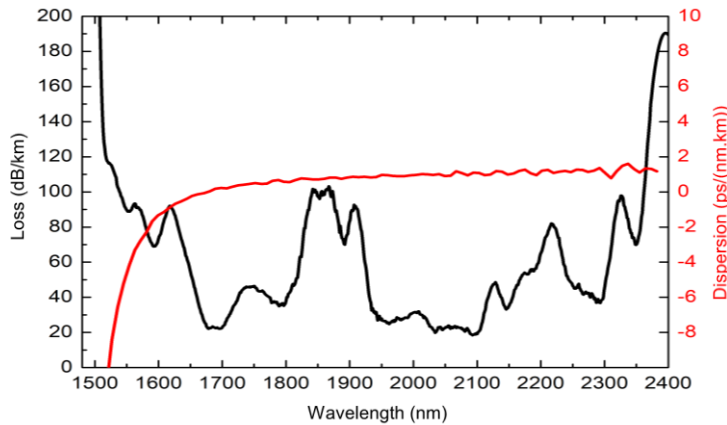
PHYSICAL PROPERTIES

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

OPTICAL PROPERTIES

Operating Wavelength..... **2000 nm**
 Attenuation @ 2000 nm..... **< 80 dB/km**
 Transmission Band (< 160 dB/km)..... **1500-2375 ± 100 nm**
 Dispersion (Calculated)..... **[-12 ; 1.3] ps/(nm.km)**
 Numerical Aperture (Estimated)..... **0.020 ± 0.002**
 Mode Field Diameter (Estimated)..... **45 ± 3 μm**

TYPICAL TRANSMISSION



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

