



# Hollow Core Photonic Crystal Fiber

## PHYSICAL PROPERTIES

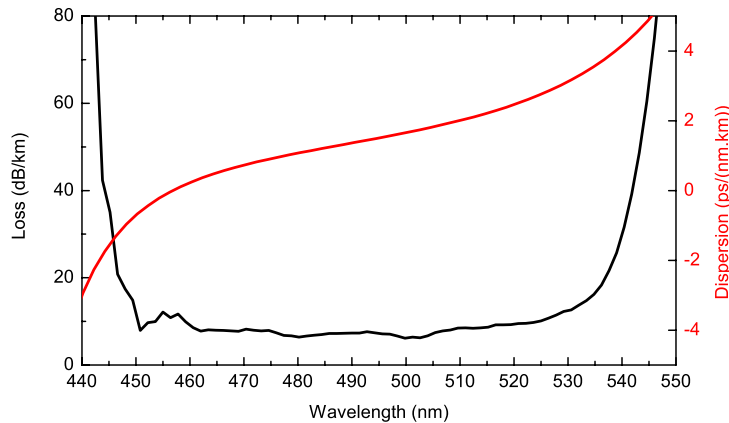
Inner Core Diameter..... **27 ± 3 μm**  
 Outer Fiber Diameter..... **200 ± 3 μm**  
 Fiber Coating Diameter..... **530 ± 50 μm**

## OPTICAL PROPERTIES

Operating Wavelength..... **515-532 nm**  
 Attenuation @ 515-532 nm..... **< 20 dB/km**  
 Transmission Band (< 80 dB/km)..... **445-545 ± 25 nm**  
 Dispersion (Calculated)..... **[-1.5 ; 5] ps/(nm.km)**  
 Numerical Aperture (Estimated)..... **0.021 ± 0.002**  
 Mode Field Diameter (Estimated)..... **19 ± 3 μm**

**HCPCF-515-532-27**

## TYPICAL TRANSMISSION



UV  
 HCPCF-350-27  
 320 - 380 nm

Blue  
 HCPCF-450-30  
 360 - 520 nm

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

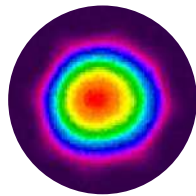
Green 2  
 HCPCF-515-532-40  
 465 - 585 nm

NIR  
 HCPCF-850-60  
 700 - 1000 nm

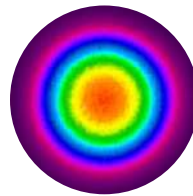
NIR 2  
 HCPCF-1030-1064-60  
 800 - 150 nm

SWIR  
 HCPCF-1550-60  
 1400 - 1750 nm

SWIR 2  
 HCPCF-2000-60  
 1850 - 2300 nm



OUTPUT  
NEAR FIELD PROFILE



OUTPUT  
FAR FIELD PROFILE