



Hollow Core Photonic Crystal Fiber

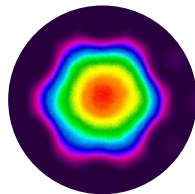
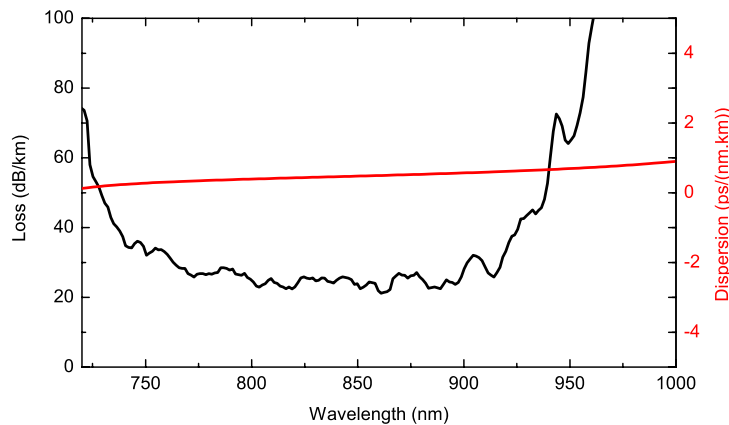
PHYSICAL PROPERTIES

Inner Core Diameter..... **60 ± 3 μm**
 Outer Fiber Diameter..... **300 ± 5 μm**
 Fiber Coating Diameter..... **540 ± 50 μm**

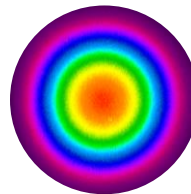
OPTICAL PROPERTIES

Operating Wavelength..... **850 nm**
 Attenuation @ 850 nm..... **< 40 dB/km**
 Transmission Band (< 80 dB/km)..... **700-1000 ± 50 nm**
 Dispersion (Calculated)..... **[0.1 ; 0.7] ps/(nm.km)**
 Numerical Aperture @ 780 nm **0.014 ± 0.002**
 Mode Field Diameter @ 780 nm **45 ± 3 μm**

TYPICAL TRANSMISSION



**OUTPUT
NEAR FIELD PROFILE**



**OUTPUT
FAR FIELD PROFILE**

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 - 1150 nm

SWIR
HCPCF-1550-60
 1400 - 1750 nm

SWIR 2
HCPCF-2000-60
 1850 - 2300 nm

