



Hollow Core Photonic Crystal Fiber

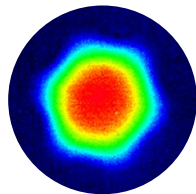
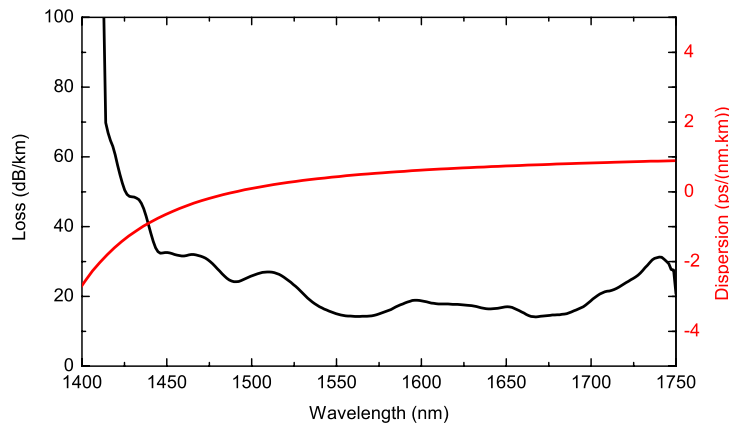
PHYSICAL PROPERTIES

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

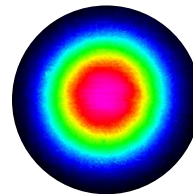
OPTICAL PROPERTIES

Operating Wavelength..... **1550 nm**
 Attenuation @ 1550 nm..... **< 50 dB/km**
 Transmission Band (< 80 dB/km)..... **1400-1750 ± 50 nm**
 Dispersion (Calculated)..... **[-2.5 ; 0.9] ps/(nm.km)**
 Numerical Aperture (Estimated)..... **0.020 ± 0.002**
 Mode Field Diameter (Estimated)..... **47 ± 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

