



Hollow Core Photonic Crystal Fiber

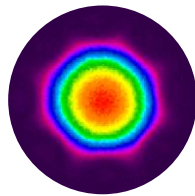
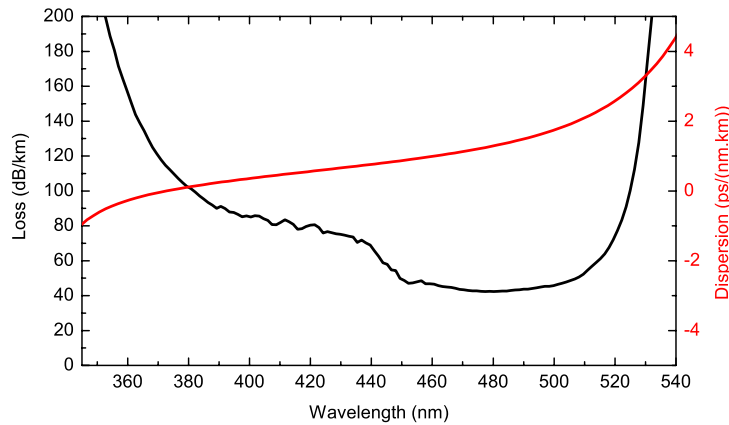
PHYSICAL PROPERTIES

Inner Core Diameter.....	30 ± 3 μm
Outer Fiber Diameter.....	200 ± 3 μm
Fiber Coating Diameter.....	375 ± 50 μm

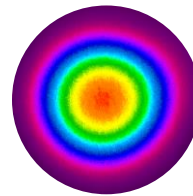
OPTICAL PROPERTIES

Operating Wavelength.....	450 nm
Attenuation @ 450 nm.....	< 80 dB/km
Transmission Band (< 100 dB/km).....	380-525 ± 25 nm
Dispersion (Calculated).....	[0.1 ; 2.9] ps/(nm.km)
Numerical Aperture (Estimated).....	0.020 ± 0.002
Mode Field Diameter (Estimated).....	23 ± 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 - 150 nm

SWIR
HCPCF-1550-60
1400 - 1750 nm

SWIR 2
HCPCF-2000-60
1850 - 2300 nm

