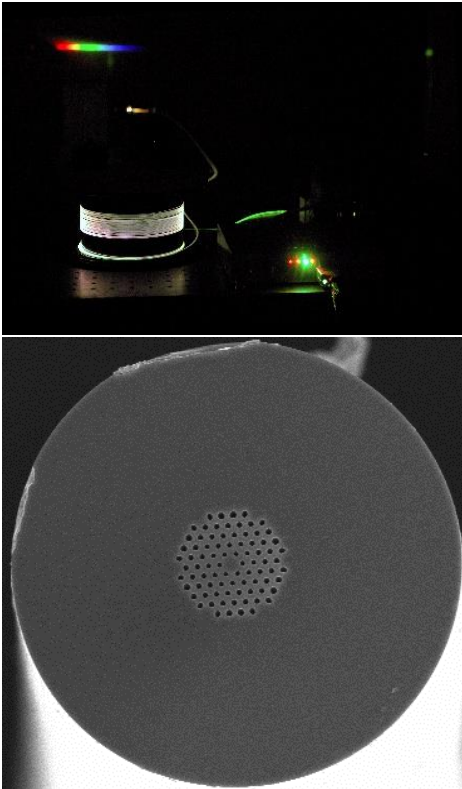
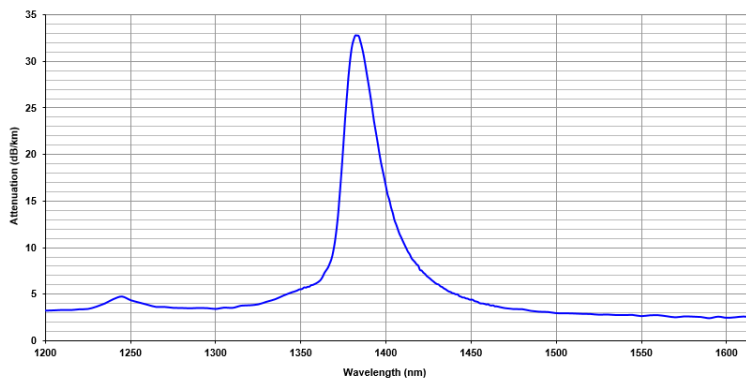


NON LINEAR PCF FOR SUPERCONTINUUM GENERATION

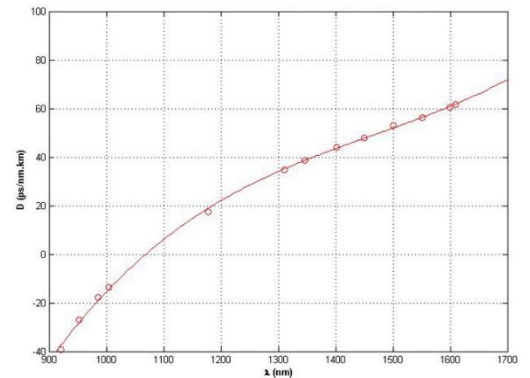


Product reference	P-HFSC-XX-YYY
Cladding diameter (μm)	125 (+/- 5 μm)
Core diameter (μm)	4.8 (+/- 0.2 μm)*
Core material	silica F300
Coating diameter (μm)	245 (+/- 15 μm)
Coating material (μm)	Dual coat acrylate
Zero dispersion wavelength (nm)	1050 +/- 15
Background losses (dB/km) @1550 nm	< 4
OH @1550 nm (dB)	< 35
Key features	
Dispersion optimized for 1.06 μm wavelength pumping, pure silica core, low losses	
Applications	
Supercontinuum generation	

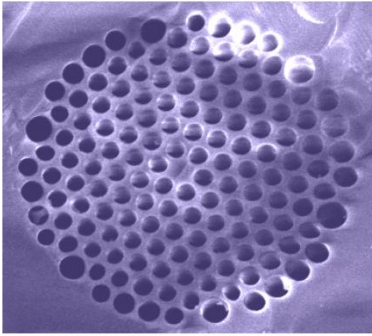
Typical Loss spectrum



Dispersion

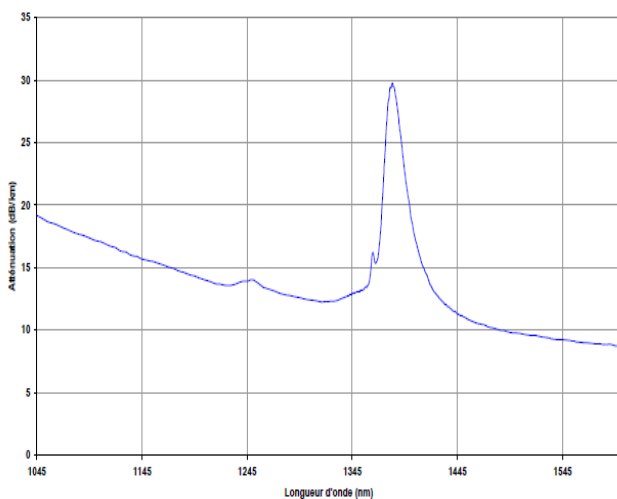


Non-Linear Photonic Crystal Fiber For Supercontinuum Generation



Product reference	P-2WSC-2-125
Cladding diameter (μm)	125 (+/- 5 μm)
Core diameter (μm)	2 (+/- 0.2 μm)
Core material	silica F300
Mode field diameter (μm)	1.8 +/- 0.2
Zero dispersion wavelength (nm)	780 & 1515 +/- 15
HOM cut-off wavelength	< 700 nm
Coating diameter (μm)	245 (+/- 15 μm)
Coating material (μm)	Dual coat acrylate
Background Loss (dB/km) @ 1060 nm	< 20
Background losses (dB/km) @1550 nm	< 10
OH @1550 nm (dB)	< 50
Key features	
Small mode field diameter, high non-linear coefficient, low losses	
Applications	
Supercontinuum generation, optical regeneration	

Fiber attenuation



Fiber dispersion

