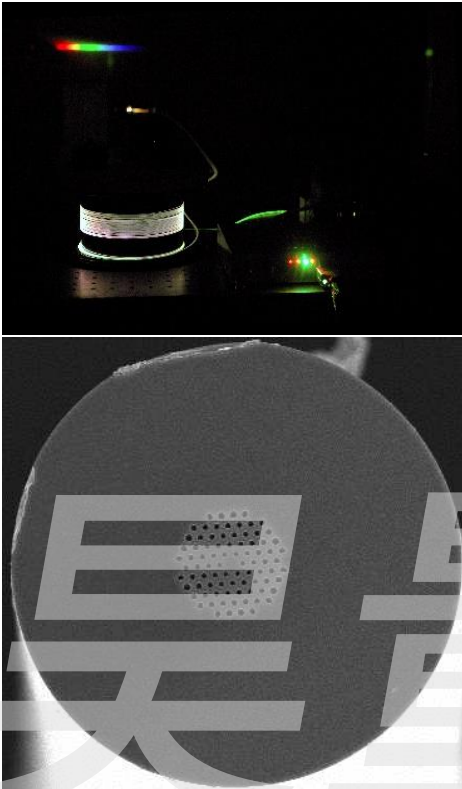
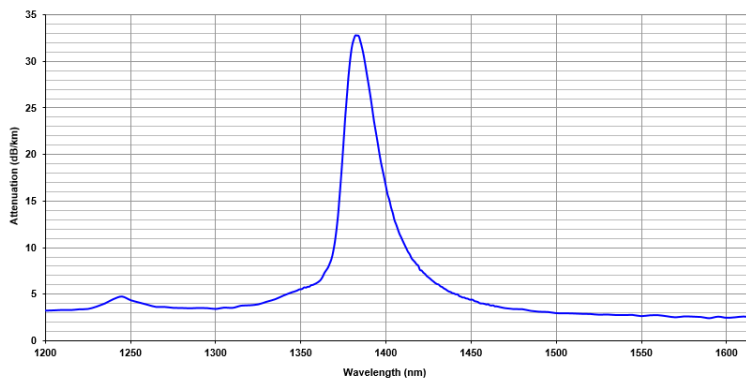


NON LINEAR PCF FOR SUPERCONTINUUM GENERATION

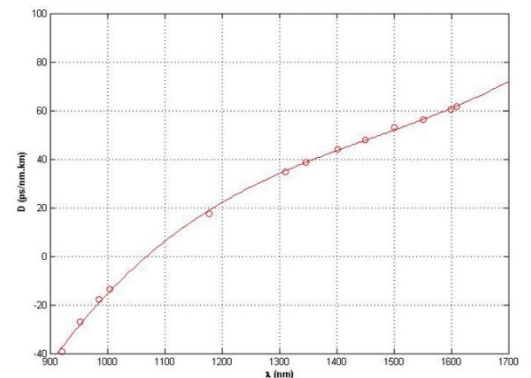


Product reference	P-HFSC-XX-YYY
Cladding diameter (μm)	125 (+/- 5 μm)
Core diameter (μm)	4.8 (+/- 0.2 μm)*
Core material	silica F300
Coating diameter (μm)	245 (+/- 15 μm)
Coating material (μm)	Dual coat acrylate
Zero dispersion wavelength (nm)	1050 +/- 15
Background losses (dB/km) @1550 nm	< 4
OH @1550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

Typical Loss spectrum

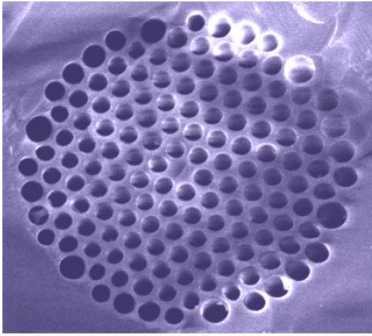


Dispersion



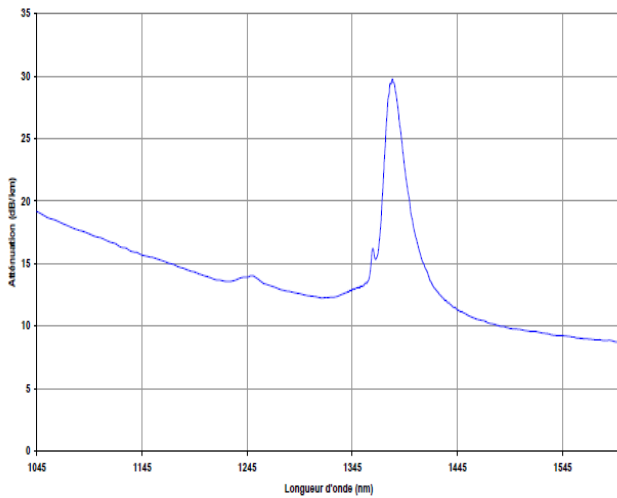
PERFOS
 4, rue Louis de Broglie 22300 Lannion (France)
 Phone 33 (0)2 96 48 58 89
 Fax 33 (0)2 96 48 79 81
www.perfos.com

Non-Linear Photonic Crystal Fiber For Supercontinuum Generation

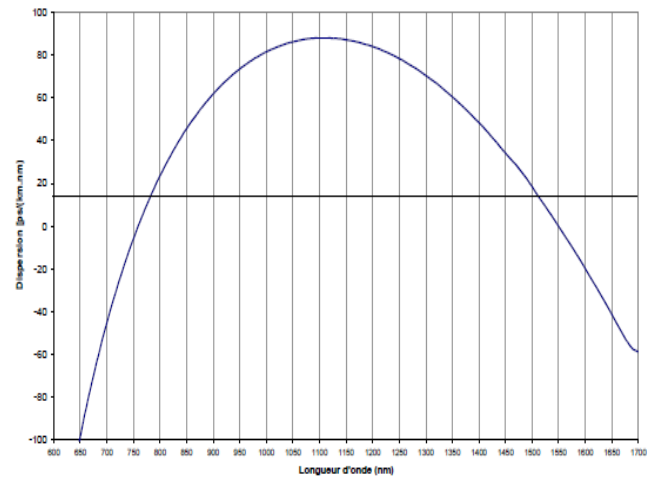


Product reference	P-2WSC-2-125
Cladding diameter (μm)	125 (+/- 5 μm)
Core diameter (μm)	2 (+/- 0.2 μm)
Core material	silica F300
Mode field diameter (μm)	1.8 +/- 0.2
Zero dispersion wavelength (nm)	780 & 1515 +/- 15
HOM cut-off wavelength	< 700 nm
Coating diameter (μm)	245 (+/- 15 μm)
Coating material (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



PERFOS
 4, rue Louis de Broglie 22300 Lannion (France)
 Phone 33 (0)2 96 48 58 89
 Fax 33 (0)2 96 48 79 81
www.perfos.com

