

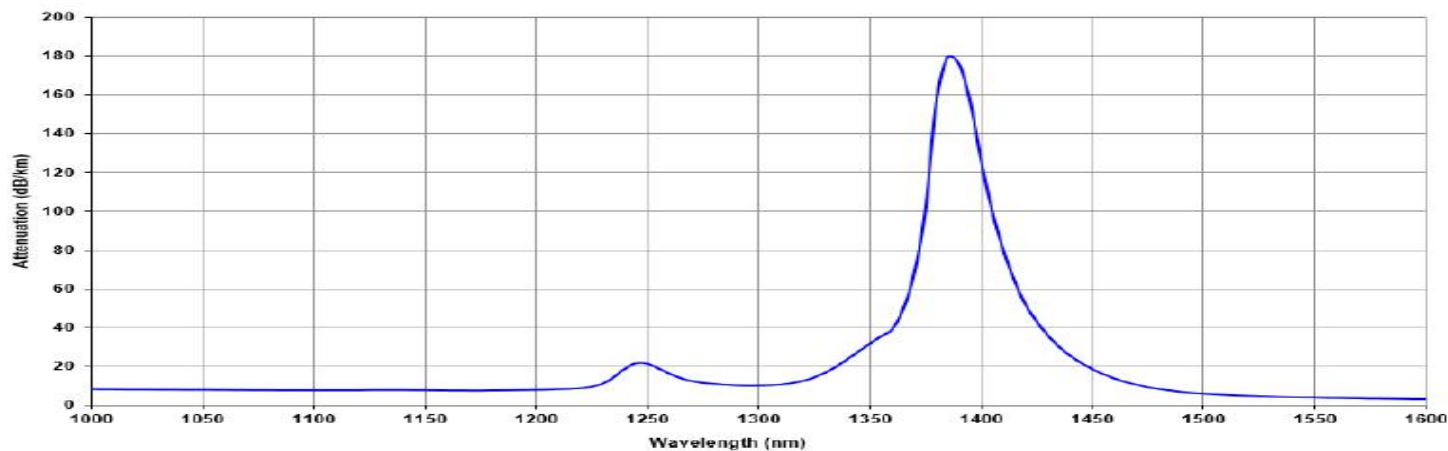
## AIR CLAD PCF FIBER

### 空气包层光子晶体光纤

在光子晶体光纤中，较大的硅脊宽度和空气包层可以使得光纤的纤芯和包层之间的折射率差极大地提高，这也就决定了光纤具有很大的数值孔径。



Product reference	P-ACF-XX-YYY
Cladding diameter (μm)	80 to 160 (+/- 5 μm)
Core diameter (μm) <sup>(1)</sup>	50, 80 and 100 (+/-3 μm)
Core material	silica F300
Coating diameter (μm)	245 (+/- 15 μm)
Coating material (μm)	Dual coat acrylate
Numerical aperture	> 0.5
Background Loss (dB/km) @ 1310 nm	< 11
Background losses (dB/km) @1550 nm	< 5
Minimal web thickness (nm)	150
<b>Key features</b>	
High numerical aperture, low losses, large core diameter	
<b>Applications</b>	
Power delivery, spectroscopy and instrumentation	
(1) *Other dimension available on request	



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