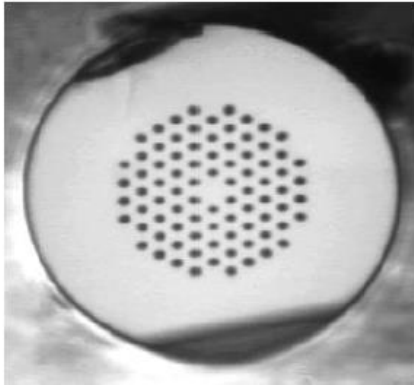


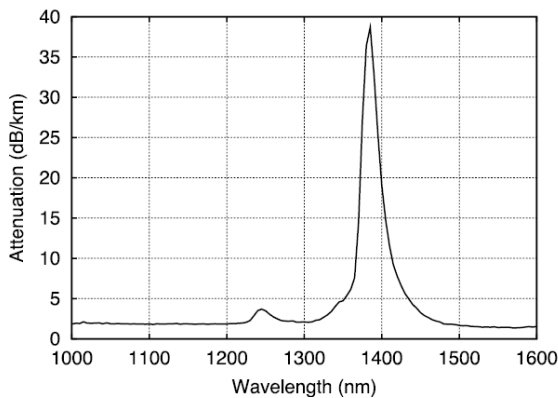
## ENDLESSLY SINGLE MODE PHOTONIC CRYSTAL FIBER



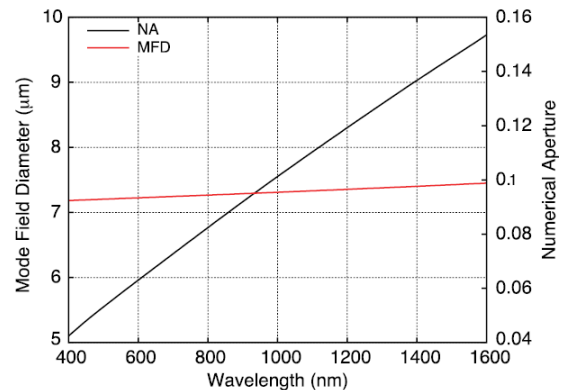
Product reference	P-ESM-XX-YYY
Cladding diameter ( $\mu\text{m}$ )	125 (+/- 5 $\mu\text{m}$ )
Core diameter ( $\mu\text{m}$ )	9 (+/- 0.2 $\mu\text{m}$ ) <sup>1</sup>
Core material	silica F300
Mode Field Diameter ( $\mu\text{m}$ )	7.2 +/- 0.2
Coating diameter ( $\mu\text{m}$ )	245 (+/- 15 $\mu\text{m}$ )
Coating material ( $\mu\text{m}$ )	Dual coat acrylate
Background Loss (dB/km) @ 1060 nm	< 4
Background losses (dB/km) @1550 nm	< 4
OH @1550 nm (dB)	< 40
<b>Key features</b>	
Single mode fiber at all wavelengths, pure silica core, low losses	
<b>Applications</b>	
Delivery fiber	

(1) Other values available from 6 to 20  $\mu\text{m}$

*Typical Loss spectrum*



*Numerical Aperture & MFD wavelength dependence*



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