

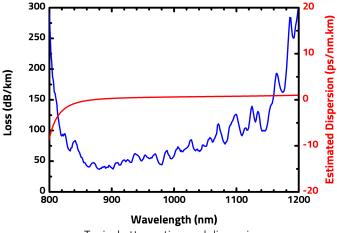
PMC-C-Yb-7C

Hollow-Core Fiber optimized for 900-1100nm range. Ideal For Yb and Nd:YAG based lasers.



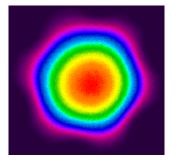
- Nearly single mode guidance
- Low dispersion, low loss
- High power and energy handling*
- Broad spectral coverage

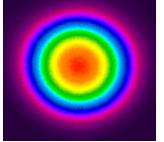
Physical Properties	
Core contour	Hypocycloid with negative curvature parameter b>0.7**
Inner core diameter	57 μm ± 1
Outer fiber diameter	320 μm ± 3%
Fiber coating layer	Primary polymer coating



Typical attenuation and dispersion

Optical Properties	
Center wavelength	1030 nm
Attenuation @ 1030 nm	<100 dB/km
Dispersion @1030 nm	1 ps/nm.km ± 0.5
Transmission band** **Attenuation lower than 100 dB/km for the 850-1150nm	300nm
Mode field diameter (1/e²)	39 μm ± 1
3 dB bend loss radius @1030 nm	5 cm ± 2





Output near field profile

Output far field profile

All specifications may be changed without notice

^{*} See Opt. Express 22, no. 9, 10735, 2014

^{**} For b definition, see Opt. Exp. 21, no. 23, 28597, 2013