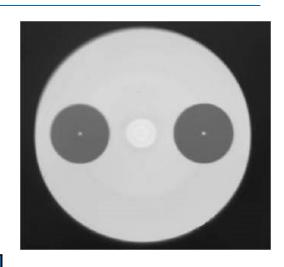


Yb-MCOF-10/125-08-1.6-PM

Yb-doped PM fiber

The Yb-MCOF-10/125-08-1.6-PM fiber is a PM, multiclad singlemode fiber based on a low photodarkening core glass host ensuring long term performances. Its singlemode output design makes it the perfect choice for pulsed fiber lasers and amplifiers requiring superior beam quality.



OPTICAL PROPERTIES	
Core NA	0.08 ± 0.01
Cladding NA	> 0.47
Pump guide absorption @ 915 nm	1.6 ± 0.3 dB/m
Nominal pump guide absorption @ 975 nm	6 dB/m
Birefringence	≥ 2.0 x 10 ⁻⁴
PHYSICAL PROPERTIES	
Optical Cladding	Multi
Core diameter	10 ± 1 μm
Silica cladding diameter	125 ± 1 μm
Coating diameter	250 ± 10 μm
Cladding geometry	Round
Core/clad concentricity error	< 1 μm
Screen proof tested	100 kpsi
Confined core	No
Depressed cladding	No

FEATURES

- Single-mode output design
- High birefringence
- · Low photodarkening

TYPICAL APPLICATIONS

- Pulsed fiber amplifiers and lasers
- · Frequency conversion
- Material processing