



# 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, multicladd singlemode fiber based on a low photodarkening core glass host ensuring long term performances. Its single-mode 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 <sup>-4</sup>
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