

# PM Double Clad Passive Fiber

IXF-2CF-PAS-PM-30-130-0.05

Double Clad passive fiber matched with ixblue double clad Neodymium fiber IXF-2CF-Nd-PM-30-130 fiber; designed for pump at 0.8  $\mu\text{m}$  and signal delivery in the 0.9  $\mu\text{m}$  wavelength range.



## FEATURES & BENEFITS

- 30  $\mu\text{m}$  core
- 125  $\mu\text{m}$  clad
- 0.05 Numerical aperture
- Panda type

## APPLICATIONS

- Signal delivery at 0.9  $\mu\text{m}$
- MM Pump delivery at 0.8  $\mu\text{m}$

## TECHNICAL SPECIFICATIONS

### Parameters

Core diameter	$30 \pm 1 \mu\text{m}$
Clad diameter	$125 \pm 3 \mu\text{m}$
Coating diameter	$245 \pm 15 \mu\text{m}$
Core NA	$0.05 \pm 0.005$
Cladding NA	$\geq 0.46$
Multimode background losses	$< 50 \text{ dB/km}$
Core-clad offset	$< 1.0 \mu\text{m}$
Proof test level	100 kpsi
Birefringence	$> 5.10^{-5}$

### Comments:

Panda type  
Circular cladding shape  
HeNe multimode tested

*Specifications are subject to change without notice*