

**Industrial confidentiality**

## PRODUCT SPECIFICATIONS

Product code:

IXF-2CF-EY-PM-6-130-LNF-RAD

	Parameter	Specification	Units
1	Core diameter	6 ± 0.5	µm
2	Clad diameter (flat/flat)	125 ± 3	µm
3	Coating diameter	245 ± 15	µm
4	Core NA	0.09 ± 0.01	
5	Cladding NA	≥ 0.46	
6	Clad absorption @915nm	> 0.6	dB/m
7	Clad absorption @976nm*	> 2.0	dB/m
8	Core absorption @1536nm	> 30	dB/m
9	Multimode background losses	< 50	dB/km
10	Core-clad offset	< 1.0	µm
11	Proof test level	100	kpsi
12	RIGV @1560nm	< 0.02	dB/kRad
13	Birefringence	> 1.10 <sup>-4</sup>	

\*: Calculated from 915 nm absorption value

### Comments

Panda PM design  
 Round cladding shape  
 HeNe multimode tested  
 OTDR tested  
 Power Conversion Efficiency (PCE) > 35%\*\*  
 RIGV : Radiation Induced Gain Variation  
 RIGV has been measured in amplifier configuration (1W output power) with  
 915nm backward pumping (fiber length = 12m)

\*\* : Following XFS/080301ARL procedure

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*Specifications are subject to change without notice*

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