

**Industrial confidentiality**

## PRODUCT SPECIFICATION

Product code:                   IXF-2CF-EY-PM-6-130-LNF-RAD

	Parameter	Specification	Units
1	Core diameter	6 ±0.5	µm
2	Clad diameter	125 ±3	µm
3	Coating diameter	245 ± 15	µm
4	Core NA	0.19 ±0.02	
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

<p>Comments</p> <ul style="list-style-type: none"> <li>Panda PM design</li> <li>Round cladding shape</li> <li>HeNe multimode tested</li> <li>OTDR tested</li> <li>Power Conversion Efficiency (PCE) &gt;35%**</li> <li>RIGV: Radiation Induced Gain Variation</li> <li>RIGV has been measured in amplifier configuration (1W output power) with 915nm backward pumping (fiber length = 12m)</li> </ul>
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\*\* : Following XFS/080301ARL procedure

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*Specifications are subject to change without notice*

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