

**Industrial confidentiality**

## PRODUCT SPECIFICATIONS

Product code:                      IXF-2CF-EY-PM-12-130-RAD-Gen2

	Parameter	Specification	Units
1	Core diameter	12 ± 1	µm
2	Clad diameter (flat/flat)	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	>1.6	dB/m
7	Clad absorption @976nm*	>6.4	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
<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> </ul> <p>RIGV has been measured in amplifier configuration (10W output power) with 915nm backward pumping (fiber length = 6.6m)</p>

\*\* : Following XFS/080301ARL procedure

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*Specifications are subject to change without notice*

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