

Industrial confidentiality

PRODUCT SPECIFICATION

Product code: IXF-2CF-EY-PM-12-130-RAD-Gen3

	Parameter	Specification	Units
1	Core diameter	12 ±1	µm
2	Clad diameter	125 ±3	µm
3	Coating diameter	210 ±15	µm
4	Core NA	0.19 ±0.02	
5	Cladding NA	≥0.46	
6	Clad absorption @915nm	2.6 ±0.6	dB/m
7	Clad absorption @976nm*	10.4 ±2.4	dB/m
8	Core absorption @1536nm	50 ±10	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 ⁻⁴	

*: 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 (10W output power) with
 915nm backward pumping (fiber length = 6.6m)

** : Following XFS/080301ARL procedure

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Specifications are subject to change without notice

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