

Industrial confidentiality

PRODUCT SPECIFICATIONS

Product code: IXF-2CF-Yb-PM-10-130-RAD

	Parameter	Specification	Units
1	Core diameter	10 ±1	µm
2	Clad diameter	125 ±3	µm
3	Coating diameter	245 ±15	µm
4	Core NA	0.10 ±0.01	
5	Cladding NA	≥ 0.46	
6	Clad absorption @915nm	1.9 ±0.3	dB/m
7	Clad absorption @976nm*	6.9 ±1.1	dB/m
8	Multimode background losses	< 50	dB/km
9	Birefringence	≥1.10 ⁻⁴	
10	Core-clad offset	< 1.0	µm
11	Proof test level	100	kpsi
12	RIGV (Typical value)	0.020	dB/kRad

*: Calculated from 915 nm absorption value

Comments

Panda PM design
Round cladding shape
HeNe multimode tested
RIGV (Radiation Induced Gain Variation) has been measured in amplifier configuration, 50mW 1064nm input signal, 976nm forward pumping, 1.5m fiber length.

Effective date of this document: 31/03/2022

Edition: B

Document reference: IXF-2CF-Yb-PM-10-130-RAD_edB.pdf

Specifications are subject to change without notice

PSD-L-Q-E-086-I

