

Industrial confidentiality

PRODUCT SPECIFICATIONS

Product code:

IXF-2CF-EY-O-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	0.19 ± 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

*: Calculated from 915 nm absorption value

Comments
<ul style="list-style-type: none"> Octagonal cladding shape HeNe multimode tested OTDR tested Power Conversion Efficiency (PCE) $>40\%$** RIGV : Radiation Induced Gain Variation <p>RIGV has been measured in amplifier configuration (1W output power) with 915nm backward pumping (fiber length = 12m)</p>

** : Following XFS/080301ARL procedure

Effective date of this document: 15/01/2018

Edition: A

Document reference: IXF-2CF-EY-O-6-130-LNF-RAD_edA.pdf

Specifications are subject to change without notice

PSD-L-Q-E-086-I

