



Proprietary data

PRODUCT SPECIFICATION

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

Octagonal cladding shape

HeNe multimode tested

OTDR tested

Power Conversion Efficiency (PCE) $> 40\%$ **

RIGV : Radiation Induced Gain Variation

RIGV has been measured in amplifier configuration (1W output power) with 915nm backward pumping (fiber length = 12m)

** : Following XFS/080301ARL procedure

Written by: A.LAURENT

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