

Industrial confidentiality

PRODUCT SPECIFICATIONS

Product code:

IXF-2CF-EY-O-12-130-RAD-Gen3

	Parameter	Specification	Units
1	Core diameter	12 ±1	µm
2	Clad diameter (flat/flat)	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	2.9 ± 0.6	dB/m
7	Clad absorption @976nm*	11.6 ± 2.4	dB/m
8	Core absorption @1536nm	60 ±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
<ul style="list-style-type: none"> 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 (10W output power) with 915nm backward pumping (fiber length = 6m)

** : Following XFS/080301ARL procedure

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Specifications are subject to change without notice

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