

Industrial confidentiality

PRODUCT SPECIFICATION

Product code: IXF-3CF-EY-O-8-80-95

	Parameter	Specification	Units
1	Core diameter	8.5 ±0.5	µm
2	Inner clad diameter (flat-flat)	80 ±3	µm
3	Clad diameter	95 ±3	µm
4	Coating diameter	180 ±15	µm
5	Core NA	0.19 ±0.02	
6	Inner clad NA	≥ 0.22	
7	MFD @1550nm	8.0 ±0.8	µm
8	Clad absorption @915nm	2.0 ±0.3	dB/m
9	Clad absorption @976nm*	8.0 ±1.0	dB/m
10	Core absorption @1536nm	45 ±15	dB/m
11	Multimode background losses	<50	dB/km
12	Core-clad offset	<1.0	µm
13	Proof test level	100	kpsi

*: Calculated from 915nm absorption value

Comments
Low index primary coating
Octagonal inner clad shape
Circular cladding shape
HeNe multimode tested
OTDR tested
Power Conversion Efficiency (PCE) >40%**

** : Following XFS/080301ARL procedure

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