

Industrial confidentiality

PRODUCT SPECIFICATION

Product code: IXF-SM-375-125-010

	Parameter	Specification	Units
1	Core NA	0.10 ± 0.01	
2	Mode Field Diameter @ 375nm	3.0 ± 0.5	
3	Mode Field Diameter @ 400nm	3.2 ± 0.5	µm
4	Attenuation @ 375 nm	< 60	dB/km
5	Attenuation @ 400 nm	< 50	dB/km
6	Cutoff wavelength	<350	nm
7	Core/clad offset	< 0.5	µm
8	Cladding diameter	125 +/- 1	µm
9	Coating diameter	245 +/- 15	µm

	Design Parameter	Specification	Units
10	Coating Material	Acrylate	
11	Operating temperature range	-60 / +85	°C
12	Proof test level	100	kpsi

Comments

Solarization resistant fiber designed for single mode operation in the 350-500nm window

Silica core design

High transmission in the UV (typical 50 dB/km @ 375nm)

High core to clad concentricity (typical 0.1 µm) for low connection losses.

Other coatings available upon request (Polyimide, HT acrylate)

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Specifications are subject to change without notice

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