

Industrial confidentiality

## PRODUCT SPECIFICATION

Product code: IXF-PHO-CMF

	Parameter	Specification	Units
1	Core NA	$0.13 \pm 0.01$	
2	Attenuation @ 1550 nm	< 0.5	dB/km
3	Cutoff Wavelength	< 1400	nm
4	MFD @ 1550 nm	$10.5 \pm 1$	$\mu\text{m}$
5	Core diameter	$8.2 \pm 0.5$	$\mu\text{m}$
6	Core/ non circularity	< 5	%
7	Cladding/Coating Conc Error	< 15	$\mu\text{m}$
8	Outside Cladding diameter	$125 \pm 2$	$\mu\text{m}$
9	Coating diameter	$245 \pm 15$	$\mu\text{m}$

	Design Parameter	Specification	Units
10	Splice Loss to SMF	< 0.07	dB
11	Cladding Modes (FBG > 30dB)	< 0.2	dB
12	Static Fatigue Corrosion	$n > 20$	
13	Tensile Strength	> 3.5	GPa
14	Proof test level	100	kpsi

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*Specifications are subject to change without notice*

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