

PRODUCT SPECIFICATION

Product code:

IXF-PHO-CMF

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

	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

Comments

Written by: B.CADIER

Effective date of this document: 20/09/2017

Edition: A

Document reference: IXF-PHO-CMF_edA.pdf