

## PRODUCT SPECIFICATION

Product code: IXF-PMG-1550-80-P019

	Parameter	Specification	Units
1	Cutoff Wavelength	< 1480	nm
2	Attenuation @1550nm	< 1	dB/km
3	Beat Length @633nm	< 1.6	mm
4	Mode Field Diameter @1550nm	$6.7 \pm 0.5$	$\mu\text{m}$
5	Numerical Aperture	$0.19 \pm 0.02$	
6	Core/Clad Concentricity	< 1	$\mu\text{m}$
7	Cladding Diameter	$80 \pm 1$	$\mu\text{m}$
8	Coating Diameter	$170 \pm 2$	$\mu\text{m}$
9	Proof Test Level	100	kpsi

	Design Parameter	Specification	Units
10	Operating Wavelength	1500 – 1600	nm
11	Design	Panda	
12	Core Ellipticity	< 15	%
13	Holding Parameter @1550 nm	$< 3.10^{-5}$	$\text{m}^{-1}$
14	Coating Material	Dual Acrylate	
15	Operating Temperature Range	-40 to +85	$^{\circ}\text{C}$

Comments

Written by: Thomas Villedieu

Effective date of this document: 11/10/2017

Edition: A

Document reference: IXF-PMG-1550-80-P019\_Product Specification.pdf