

Industrial confidentiality

PRODUCT SPECIFICATION

Product code:

IXF-3CF-TmHo-PM-18-270-300

	Parameter	Specification	Units
1	Core diameter	18 +/-2	µm
2	Inner clad diameter (pure silica)	270 +/-5	µm
3	Outer clad diameter (fluorinated silica)	297 +/-10	µm
4	Coating diameter	490 +/-25	µm
5	Clad absorption @1180nm	> 0.8	dB/m
6	Clad absorption @793nm*	> 4	dB/m
7	Core NA	0.09 +/-0.005	
8	Inner clad NA	0.22 +/-0.02	
9	Outer clad NA	≥0.46	
10	Birefringence	>5.10 ⁻⁵	
11	Multimode background losses (near 0.8µm)	< 50	dB/km
12	Core-clad offset	<3	µm
13	Proof test level	> 50	kpsi

**793 nm absorplion is calculated from the 1180 nm measurement*

Comments

Panda PM design
Circular cladding shape
HeNe multimode tested

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