



Proprietary data

PRELIMINARY PRODUCT SPECIFICATION 4 cores Erbium Doped Multicore Fiber for C band

Product code: IXF-MC4-EDF-FGC-980

	Parameter	Specification	Units
1	Core Number	4	μm
2	Core diameter	3.2 ± 0.5	μm
3	Mode field Diameter @ 1550nm	6.5 ± 0.5	μm
4	Core Spacing	44 ± 1	μm
5	Clad diameter (flat/flat)	125 ± 1.5	μm
6	Coating diameter	245 ± 15	μm
7	Core NA	0.21 ± 0.02	
8	Cutoff Wavelength	< 970	nm
9	Absorption @ 1530 nm	5.3 – 6.6	dB/m
10	Absorption @ 1480 nm	2.0 – 2.5	dB/m
12	Background losses	< 8	dB/km
13	Proof test level	100	kpsi

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Specifications are subject to change without notice

