



FUD-3420, Revision: A SM-SDF-6/130 Optical Fiber

You have selected an application designed fiber, not fully released which may have a longer lead time than our standard products.

Parameter	Min	Nom	Max	Unit	Compliance
Operating Wavelength	900		1200	nm	Design
Peak Core Absorption at 915 nm			5	dB/m	Design
Peak Core Absorption at 976 nm			3	dB/m	Design
Peak Core Absorption at 1060 nm	25			dB/m	Design
Core NA		0.11			Design
Cladding NA (5%)	0.46				Design
Cutoff	800		910	nm	Measured
Mode Field Diameter at 915 nm	5.9	6.9	7.9	μm	Measured
Mode Field Diameter at 980 nm	6.3	7.3	8.3	μm	Measured
Mode Field Diameter at 1060 nm	6.8	7.8	8.8	μm	Measured
Core Diameter		6		μm	Design
Clad Diameter	129	130	131	μm	Measured
Core/Clad Offset	0		0.5	μm	Measured
Coating Diameter	230		260	μm	Measured
Proof test Level	100		120	kpsi	Measured
Comments	Coating Requirements: Round fiber with low index polymer coating. Other Requirements: Fiber designed to be highly attenuating at 1060 nm but with low attenuation at 915 - 980 nm.				



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 Nufern products are manufactured under an ISO 9001:2008 certified quality management system.



Custom developed fiber (FUD) specifications are subject to change without notice. Other configurations such as alternative form factors, optimized cut-off and UV cured color coating may be available. Let us know how Nufern can assist with your requirements.