



FUD-3861, Revision: A EDFL-1250 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	1530		1625	nm	Design
Core Attenuation at 1200 nm	0		15	dB/km	Measured
Peak Core Absorption near 1530 nm	27		33	dB/m	Measured
Core NA		0.25			Design
Cutoff	1100		1400	nm	Measured
Mode Field Diameter at 1550 nm	4.7		5.7	μm	Measured
Clad Diameter	124		126	μm	Measured
Core/Clad Offset	0		0.3	μm	Measured
Coating Diameter	235		255	μm	Measured
Coating-Clad Concentricity	0		5	μm	Measured
Proof test Level	200		220	kpsi	Measured
Operating Temperature Range	-40		85	°C	Design
Core Diameter		4.5		μm	Design
Comments	Coating Requirements: UV Cured, Dual Acrylate. Other Requirements: Fiber designed to operate in the L-Band.				



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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.

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