



# FUD-4110, Revision: A EDFC-980-HA 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	1		12	dB/km	Measured
Peak Core Absorption near 1530 nm	6		7.5	dB/m	Measured
Peak Core Absorption near 980 nm	3		10	dB/m	Measured
Core NA		0.23			Design
Cutoff	870	920	970	nm	Measured
Mode Field Diameter at 1550 nm	5.3	5.8	6.3	μm	Measured
Core Diameter		4		μm	Design
Clad Diameter	124	125	126	μm	Measured
Core/Clad Offset	0		0.3	μm	Measured
Coating Diameter	235	245	255	μm	Measured
Coating-Clad Concentricity	0		5	μm	Measured
Proof test Level	200		220	kpsi	Measured
Operating Temperature Range	-40		85	°C	Design
Saturation Power at 1530nm		0.18		mW	Design
Comments	Coating Requirements: UV Cured, Dual Acrylate Other Requirements: Nominal Operating Wavelength is the C-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.