



FUD-4127, Revision: C PM980-LC 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	980		1600	nm	Design
Core Attenuation at 980 nm	0		3	dB/km	Measured
Core NA		0.12			Design
Cutoff	849		899	nm	Measured
Mode Field Diameter at 980 nm	5.6		6.6	μm	Measured
Beat Length at 980 nm	2		3.3	mm	Measured
Crosstalk at 980 nm per 4 meters	-60		-40	dB	Measured
Crosstalk at 980 nm per 100 meters			-30	dB	Design
Clad Diameter	124		126	μm	Measured
Core Diameter		5.1		μm	Design
Core/Clad Offset	0		0.5	μm	Measured
Coating Diameter	230		260	μm	Measured
Coating-Clad Concentricity	0		5	μm	Measured
Proof test Level	200		220	kpsi	Measured
Operating Temperature Range	-40		85	°C	Design
Comments	Other Requirements: UV-Cured, Dual Acrylate coating.				



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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.