



# FUD-4319, Revision: A PM14XXC-A V1 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	1400		1490	nm	Design
Core NA		0.125			Design
Cutoff	1260		1380	nm	Measured
Mode Field Diameter at 1450 nm	9		10.6	μm	Measured
Mode Field Diameter at 1550 nm	9.6		11.2	μm	Measured
Beat Length at 1550 nm	4.8		5.7	mm	Measured
Crosstalk at 1550 nm per 2 meters	-65		-40	dB	Measured
Crosstalk at 1550 nm per 100 meters	-50		-25	dB	Measured
Core Diameter		8		μm	Design
Clad Diameter	124		126	μm	Measured
Core/Clad Offset	0		0.5	μm	Measured
Coating Diameter	230		260	μm	Measured
Coating Non-Circularity	0		5	%	Measured
Proof test Level	200		230	kpsi	Measured
Operating Temperature Range	-40		85	°C	Design
Comments	Coating Requirements: UV Cured, Dual Acrylate Coating				



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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.