



# FUD-4136, Revision: B PM-S405-HNA 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	400		680	nm	Design
Core Attenuation at 460 nm	0		30	dB/km	Measured
Core Attenuation at 630 nm	0		50	dB/km	Measured
Cutoff	360		405	nm	Measured
Gaussian MFD at 405 nm	2.5		3.3	μm	Measured
Birefringence		0.00023			Design
Beat Length at 405 nm		1.8		mm	Design
Clad Diameter	124		126	μm	Measured
Core/Clad Offset	0		0.6	μm	Measured
Coating Diameter	230		260	μm	Measured
Proof test Level	200		220	kpsi	Measured
Comments	Coating Requirements: UV cured dual acrylate coating. Other Requirements: Dual circular stress elements.				



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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.