



# FUD-3738, Revision: A PM-CMS7 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		1600	nm	Design
Core NA		0.18			Design
Cutoff	1200		1400	nm	Measured
Mode Field Diameter at 1550 nm	5.5		7.5	μm	Measured
Birefringence		0.00012			Design
Core Diameter		7.5		μm	Design
Clad Diameter	124		126	μm	Measured
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
Comments	Photosensitivity Requirements: Photosensitive Fiber. Cladding Mode Suppressed design. Coating Requirements: UV Cured, Dual Acrylate. Other Requirements: Polarization-maintaining fiber with 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.