



# FUD-3654, Revision: C

## PM530 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	520		750	nm	Design
Core Attenuation at 630 nm	0		20	dB/km	Measured
Core NA		0.12			Design
Cutoff	450		510	nm	Measured
Beam Divergence at 630 nm	160		184	mRads	Measured
Crosstalk at 630 nm per 10 meters	-55		-26	dB	Measured
Core Diameter		3		μm	Design
Clad Diameter	124		126	μm	Measured
Core/Clad Offset	0		1	μm	Measured
Coating Diameter	230		260	μm	Measured
Coating-Clad Concentricity	0		5	μm	Measured
Proof test Level	200		220	kpsi	Measured
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.

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