



FUD-4246, Revision: A PM1550G-80-200K 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	1520		1620	nm	Design
Core Attenuation at 1550 nm	0		2	dB/km	Measured
Cutoff	1400		1520	nm	Measured
Mode Field Diameter at 1550 nm	5.8		6.8	μm	Measured
Beat Length at 633 nm	0		1.2	mm	Measured
Crosstalk at 1550 nm per 100 meters	-50		-25	dB	Measured
h-parameter at 1500 nm			3e-05	1/m	Design
Clad Diameter	79		81	μm	Measured
Core/Clad Offset	0		0.5	μm	Measured
Coating Diameter	165		175	μm	Measured
Coating-Clad Concentricity	0		5	μm	Measured
Proof test Level	200		220	kpsi	Measured
Operating Temperature Range	-60		105	°C	Design
Storage Temp Range	-65		105	°C	Design
Core NA		0.2			Design
Core Diameter		5.5		μm	Design
Comments	Coating Requirements: UV Cured, Dual Acrylate				



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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.