



# FUD-3620, Revision: A PM1550C-80 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	1440		1625	nm	Design
Core Attenuation at 1550 nm	0.2		2	dB/km	Measured
Core NA		0.15			Design
Cutoff	1300		1500	nm	Measured
Mode Field Diameter at 1550 nm	7	8.5	10	μm	Measured
Beat Length at 633 nm	0		1.2	mm	Measured
Crosstalk at 1550 nm per 100 meters	-100		-25	dB	Measured
h-parameter at 1500 nm	5e-07		3e-05	1/m	Measured
Core Diameter		6.5		μm	Design
Clad Diameter	78	80	82	μm	Measured
Core/Clad Offset	0		0.5	μm	Measured
Coating Diameter	160	165	170	μm	Measured
Coating-Clad Concentricity	0		5	μm	Measured
Proof test Level	100		120	kpsi	Measured
Comments	Other Requirements: Polarization-maintaining fiber with dual circular stress elements. 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.