



# FUD-4247, Revision: B PM850G-45-ECG 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	780		1200	nm	Design
Core Attenuation at 820 nm	0		12	dB/km	Measured
Core NA		0.18			Design
Cutoff	680		770	nm	Measured
Beat Length at 850 nm	0		2.5	mm	Measured
Crosstalk at 850 nm per 100 meters	-50		-25		Measured
h-parameter at 850 nm			5e-05	1/m	Design
Core Diameter		3		µm	Design
Clad Diameter	39		41	µm	Measured
Core/Clad Offset	0		1.5	µm	Measured
Coating Diameter	100		110	µm	Measured
Proof test Level	100		120	kpsi	Measured
Operating Temperature Range	-45		100	°C	Design
Storage Temp Range	-60		100	°C	Design
Comments	Coating Requirements: UV Cured, Dual Acrylate.				



7 Airport Park Road, East Granby, CT 06026 • 860.408.5000 • Toll-free 866.466.0214 • Fax 860.844.0210 • E-mail [info@nufern.com](mailto:info@nufern.com) • [www.nufern.com](http://www.nufern.com) • Nuferr 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 Nuferr can assist with your requirements.