



# FUD-3935, Revision: C PM-S460-PS 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	460		600	nm	Design
Max Attenuation @ 450 to 487	0		100	dB/km	Measured
Max Attenuation @ 488 to 650	0		50	dB/km	Measured
Core NA		0.15			Design
Cutoff	390		450	nm	Measured
Beam Divergence at 488 nm	162		198	mRads	Measured
Crosstalk at 630 nm per 10 meters	-50		-26	dB	Measured
Core Diameter		3.5		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
Operating Temperature Range	15		50	°C	Design
Storage Temp Range	-30		80	°C	Design
Comments	Special Core Dopants: Pure silica. Coating Requirements: UV cured, dual acrylate.				



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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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