



FUD-3727, Revision: B 460-HP-HTT-BL 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
Core Attenuation at 630 nm	0		20	dB/km	Measured
Core NA		0.13			Design
Cutoff	410		450	nm	Measured
Gaussian MFD at 515 nm	3		4	μm	Measured
Clad Diameter	124		126	μm	Measured
Core/Clad Offset	0		0.5	μm	Measured
Coating Diameter	230		260	μm	Measured
Coating-Clad Concentricity	0		5	μm	Measured
Buffer Diameter	850		950		Measured
Proof test Level	200		220	kpsi	Measured
Operating Temperature Range	-55		85	°C	Design
Core Diameter		2.5		μm	Design
Comments	Buffer Requirements: 900 micron Tight Hytrel Buffer, Blue color. Coating Requirements: UV Cured, Dual Acrylate. Other Requirements: All properties (except buffer diameter) are measured on the fiber prior to buffering. Designed for lower power applications. For powers >5-10 mW, Nufern S405-XP fiber is recommended.				



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 • www.nufern.com •
 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.

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