



# FUD-4104, Revision: A 780-HP-YHYT 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		970	nm	Design
Core Attenuation at 780 nm	0		4	dB/km	Design
Core Attenuation at 850 nm	0		3.5	dB/km	Measured
Core NA		0.13			Design
Cutoff	700		760	nm	Measured
Gaussian MFD at 850 nm	4.5		5.5	μm	Measured
Core Diameter		4.5		μm	Design
Clad Diameter	123.5		126.5	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
Long Term Bend Radius	13			mm	Design
Short Term Bend Radius	6			mm	Design
Proof test Level	200		220	kpsi	Measured
Operating Temperature Range	-40		85	°C	Design
Comments	Buffer Requirements: 900 micron Tight Hytrel Buffer, Yellow color. Coating Requirements: UV Cured, Dual Acrylate. Other Requirements: All properties are measured on the fiber prior to buffering.				



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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.

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