



FUD-4257, Revision: C UHNA7-4RIB-BrGOB 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 | 1500 | | 2000 | nm | Design |
| Core NA | | 0.41 | | | Design |
| Core Diameter | | 2.4 | | μm | Design |
| Cutoff | 1400 | | 1500 | nm | Design |
| Mode Field Diameter at 1550 nm | 2.9 | 3.2 | 3.5 | μm | Design |
| Clad Diameter | 124 | 125 | 126 | μm | Design |
| Core/Clad Offset | 0 | | 0.5 | μm | Design |
| Coating Diameter | 230 | 250 | 270 | μm | Design |
| Coating-Clad Concentricity | 0 | | 5 | μm | Design |
| Proof test Level | 100 | | 120 | kpsi | Design |
| Number of Fibers | | 4 | | | Design |
| Ribbon Width | | | 1160 | μm | Design |
| Ribbon Height | | | 440 | μm | Design |
| Extreme Fibers | | | 786 | μm | Design |
| Planarity | | | 50 | μm | Design |
| Color Order Verified | 1 | | 1 | | Measured |
| Customer comment: | A value of 1 indicates Brown, Green, Orange, Blue color order has been visually confirmed for the spool. | | | | |
| Comments | Buffer Requirements: Fiber to be inked prior to ribbonizing in Brown, Green, Orange, Blue order. Coating Requirements: UV Cured, Dual Acrylate. Customer Comments: Fiber tested and proof tested prior to inking and ribbonizing. | | | | |



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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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