



FUD-3558, Revision: B PM780C-A 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 |
| Macrobend Loss 12 mm @820 nm | 0 | | 0.3 | dB | Measured |
| Core Attenuation at 850 nm | 0 | | 4 | dB/km | Measured |
| Core NA | | 0.13 | | | Design |
| Cutoff | 650 | | 770 | nm | Measured |
| Gaussian MFD at 850 nm | 4.3 | | 5.3 | μm | Measured |
| Predicted Birefringence | 0.00016 | | 0.00033 | | Design |
| Beat Length at 820 nm | 2.5 | | 5 | mm | Measured |
| Crosstalk at 980 nm per 100 meters | -45 | | -20 | dB | 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 |
| Proof test Level | 200 | | 220 | kpsi | Measured |
| Operating Temperature Range | -40 | | 85 | °C | Design |
| Comments | Coating Requirements: UV-cured, dual acrylate coating | | | | |



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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.