



OCT Single-Mode Optical Fiber

P/N: BF05717-06

Product Specifications

Product Description OCT Single-Mode Optical Fiber

Physical Characteristics

Coating Material	PYROCOAT®
Cladding Diameter	125 ± 1 µm
Coating/Buffer Diameter	155 ± 5 µm
Core/Clad Offset	≤ 0.5 µm
Clad Non-Circularity	≤ 2.0%

Optical Characteristics

Type	Single-Mode
Operating Wavelength	1310 nm
Cutoff Wavelength	≤ 1260 nm
Mode Field Diameter	9.3 ± 0.5 µm
Attenuation @ 1310 nm	≤ 0.70 dB/km
Numerical Aperture (Nominal)	0.11

Mechanical and Environmental

Operating Temperature	-65 to +300°C
Short-Term Bend Radius	≥ 10 mm
Long-Term Bend Radius	≥ 17 mm
Proof Test Level	200 kpsi (1.38 GPa)

Order by Part Number BF05717-06

NOTE Lightera polyimide optical fibers are known to operate in environments up to 300 °C. Performance is application dependent. Contact our Technical Sales department to discuss your specific application requirements. 1-860-678-6636

Contact Information For additional information please contact your sales representative. You can also visit our website at www.lightera.com or call 1-888-FIBERHELP (1-888-342-3743) USA or 1-770-798-5555 outside the USA. For a full list of our certifications, visit our website.

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