



ClearLite® MICRO 1550 17 Optical Fiber

P/N: BF06159

Overview This optical fiber with a NA of 0.17 operates efficiently at 1550 nm.

Typical Applications

- Gyroscopes
- Sensors

Product Specifications

Product Description	ClearLite MICRO 1550 17 Optical Fiber
Physical Characteristics	
Coating Material	Single UV Acrylate
Core Diameter (Nominal)	6.5 μm
Cladding Diameter	80 $\pm$ 2 μm
Coating/Buffer Diameter	130 $\pm$ 4 μm
Clad Non-Circularity	$\leq$ 2.0%
Core/Clad Offset	$\leq$ 0.75 μm
Optical Characteristics	
Type	Single-Mode
Operating Wavelength	1550 nm
Cutoff Wavelength	$\leq$ 1500 nm
Mode Field Diameter @ 1550 nm	7.5 $\pm$ 0.75 μm
Attenuation @ 1550 nm	$\leq$ 0.7 dB/km
Numerical Aperture (Nominal)	0.17
Mechanical and Environmental	
Operating Temperature	-40 to +85 °C
Short-Term Bend Radius	$\geq$ 7 mm
Long-Term Bend Radius	$\geq$ 11 mm
Proof Test Level	$\geq$ 100 kpsi (0.689 GPa)
Order by Part Number	BF06159
Product Description Code	SMM-E1550A
OPTIONS	Buffer Color, Buffer Material, Buffer Size, Cutoff Wavelength, Metalization, Proof Test, Termination

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.

**Trademark Notice and
Disclaimer**

Lightera reserves the right to make changes to the product(s) described in this document at any time without notice. This document is for informational purposes only and is not intended to modify or supplement any Lightera warranties or specifications relating to any of its products or services.
