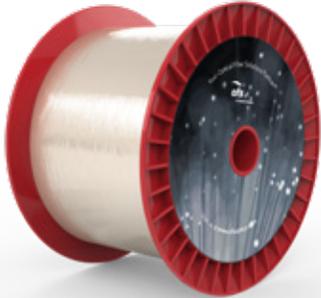


ClearLite® MICRO 1550 17 Optical Fiber

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 $^{\circ}\text{C}$
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	

For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.