

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



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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 ± 2 μm
Coating/Buffer Diameter	130 ± 4 μm
Clad Non-Circularity	≤ 2.0%
Core/Clad Offset	≤ 0.75 µm
Optical Characteristics	
Туре	Single-Mode
Operating Wavelength	1550 nm
Cutoff Wavelength	≤ 1500 nm
Mode Field Diameter @ 1550 nm	7.5 ± 0.75 µm
Attenuation @ 1550 nm	≤ 0.7 dB/km
Numerical Aperture (Nominal)	0.17
Mechanical and Environmental	
Operating Temperature	-40 to +85 °C
Short-Term Bend Radius	≥ 7 mm
Long-Term Bend Radius	≥ 11 mm
Proof Test Level	≥ 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.







OFS Marketing Communications

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