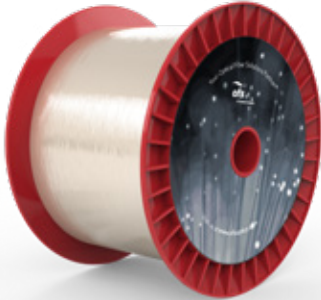


ClearLite® MICRO 1310 11 NA Optical Fiber

P/N: BF06257-01



Overview

Optical fibers operating at 1310/1550 nm are available with several different coating options to meet application requirements. The Micro and Geo versions allow for tighter coils.

Typical Applications

Gyroscopes
Sensors
Splicing to Standard
Transmission Fiber
Tap Couplers
WDM Pump/Signal Couplers



A Furukawa Company

ClearLite MICRO 1310 11 NA Optical Fiber

P/N: BF06257-01

Product Specifications	
Product Description	ClearLite MICRO 1310 11 NA Optical Fiber
Physical Characteristics	
Coating Material	Dual UV Acrylate
Core Diameter (Nominal)	8.3 μ m
Cladding Diameter	80 \pm 2 μ m
Coating/Buffer Diameter	165 \pm 10 μ m
Clad Non-Circularity	\leq 2.0%
Core/Clad Offset	\leq 0.5 μ m
Optical Characteristics	
Type	Single-Mode
Operating Wavelength	1310/1550 nm
Cutoff Wavelength	\leq 1310 nm
Mode Field Diameter @ 1310 nm	9.3 \pm 0.5 μ m
Mode Field Diameter @ 1550 nm	10.5 \pm 1.0 μ m
Attenuation @ 1310 nm	\leq 0.75 dB/km
Attenuation @ 1550 nm	\leq 0.5 dB/km
Numerical Aperture (Nominal)	0.11
Induced Attenuation @ 1560 nm	\leq 0.3 dB
Mechanical and Environmental	
Operating Temperature	-40 to +85 $^{\circ}$ C
Short-Term Bend Radius	\geq 4 mm
Long-Term Bend Radius	\geq 6 mm
Proof Test Level	\geq 200 kpsi (1.38 GPa)
Order by Part Number	BF06257-01
Product Description Code	SMM-A1310B

OPTIONS: Buffer Color, Buffer Material, Buffer Size, Cutoff Wavelength, Metalization, Proof Test, Termination

NOTE: OFS polyimide optical fibers are known to operate in environments up to 300 $^{\circ}$ C. Performance is application dependent. Contact our Technical Sales department to discuss your specific application requirements. 1-860-678-6636

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.



Copyright © 2019 OFS Fitel, LLC. All rights reserved, printed in USA.

OFS Marketing Communications
Date: 1119



ClearLite is a registered trademark of OFS Fitel, LLC. OFS reserves the right to make changes to the prices and 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 OFS warranties or specifications relating to any of its products or services.