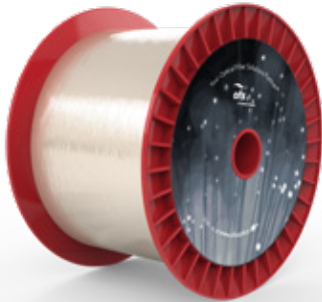


ClearLite® 1310 21 NA Optical Fiber

P/N: BF06160



Overview

These optical fibers are designed to operate efficiently at both 1310 and 1550 nm, and the higher NA significantly enhances bend performance. As a result, these fibers are ideal for harsh environment installations where fiber compression is a concern and where low-loss, small bend-radius coiling and winding performance is desired. Various coatings and buffer sizes are offered to meet environmental requirements and size constraints.

Typical Applications

- CATV Devices
- Tap Couplers
- Tight Coils and Integrated Modules
- WDM Fused Fiber Couplers

Product Specifications	
Product Description	ClearLite 1310 21 NA Optical Fiber
Physical Characteristics	
Coating Material	Single UV Acrylate
Core Diameter (Nominal)	4.6 μm
Cladding Diameter	125 \pm 2 μm
Coating/Buffer Diameter	200 \pm 10 μm
Clad Non-Circularity	\leq 2.0%
Core/Clad Offset	\leq 1.0 μm
Optical Characteristics	
Type	Single-Mode
Operating Wavelength	1550 nm
Cutoff Wavelength	\leq 1300 nm
Mode Field Diameter @ 1310 nm	5.1 \pm 1.0 μm
Mode Field Diameter @ 1550 nm	5.8 \pm 1.0 μm
Attenuation @ 1310 nm	\leq 1 dB/km
Attenuation @ 1550 nm	\leq 0.6 dB/km
Numerical Aperture (Nominal)	0.21
Mechanical and Environmental	
Operating Temperature	-40 to +85 $^{\circ}\text{C}$
Short-Term Bend Radius	\geq 10 mm
Long-Term Bend Radius	\geq 17 mm
Proof Test Level	\geq 100 kpsi (0.689 GPa)
Order by Part Number	BF06160
Product Description Code	SMB-G1310A
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.



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