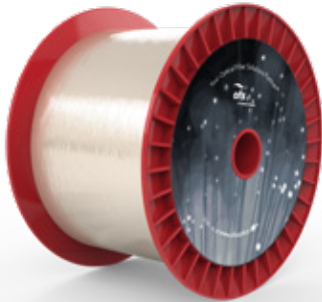


ClearLite® 1310 16 NA Optical Fiber

P/N: F9001



Overview

OFS ClearLite 1310 16 single-mode optical fiber is designed to operate efficiently at both 1310 and 1550 nm. The fiber has a nominal NA of 0.16 and a dual UV acrylate coating.

This fiber is well-suited for harsh environment installations where fiber compression is a concern and where low-loss, small bend-radius coiling and winding performance is desired.

Typical Applications

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

Product Specifications	
Product Description	ClearLite 1310 16 NA Optical Fiber
Physical Characteristics	
Coating Material	Dual UV Acrylate
Core Diameter (Nominal)	6.0 μm
Cladding Diameter	125 \pm 1 μm
Coating/Buffer Diameter	250 \pm 10 μm
Clad Non-Circularity	\leq 2.0%
Core/Clad Offset	\leq 0.5 μm
Optical Characteristics	
Type	Single-Mode
Operating Wavelength	1310/1550 nm
Cutoff Wavelength	\leq 1290 nm
Mode Field Diameter @ 1310 nm	6.7 \pm 1.0 μm
Mode Field Diameter @ 1550 nm	7.5 \pm 1.0 μm
Attenuation @ 1310 nm	\leq 0.75 dB/km
Numerical Aperture (Nominal)	0.16
Mechanical and Environmental	
Operating Temperature	-40 to +85 $^{\circ}\text{C}$
Short-Term Bend Radius	\geq 5 mm
Long-Term Bend Radius	\geq 9 mm
Proof Test Level	\geq 200 kpsi (1.38 GPa)
Order by Part Number	F9001
Product Description Code	SMB-D1310B
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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