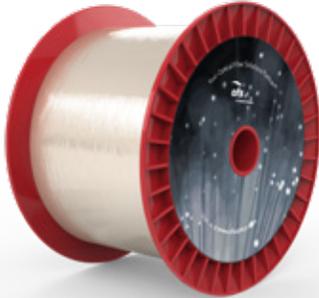


ClearLite® Carbon Acrylate 1310 16 NA Optical Fiber

P/N: BF06631



Overview

OFS ClearLite Carbon Acrylate 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 carbon/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

High-Application Stress and
Tight-Coil Applications
High-Humidity Environments
Long Lifetime Requirements



A Furukawa Company

ClearLite® Carbon Acrylate 1310 16 NA Optical Fiber

P/N: BF06631

Product Specifications	
Product Description	ClearLite Carbon Acrylate 1310 16 NA Optical Fiber
Physical Characteristics	
Coating Material	Carbon/Dual Acrylate
Core Diameter (Nominal)	6.0 μm
Cladding Diameter	125 ± 2 μm
Coating/Buffer Diameter	250 ± 15 μm
Clad Non-Circularity	≤ 2.0%
Core/Clad Offset	≤ 1.0 μm
Optical Characteristics	
Type	Single-Mode
Operating Wavelength	1550 nm
Cutoff Wavelength	≤ 1310 nm
Mode Field Diameter @ 1310 nm	6.7 ± 1.0 μm
Mode Field Diameter @ 1550 nm	7.5 ± 1.0 μm
Attenuation @ 1310 nm	≤ 0.75 dB/km
Numerical Aperture (Nominal)	0.16
Mechanical and Environmental	
Operating Temperature	-40 to +85 °C
Short-Term Bend Radius	≥ 4 mm
Long-Term Bend Radius	≥ 4 mm
Proof Test Level	≥ 200 kpsi (1.38 GPa)
Order by Part Number	BF06631
Product Description Code	SMB-D1310C/Acry 200 kpsi
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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