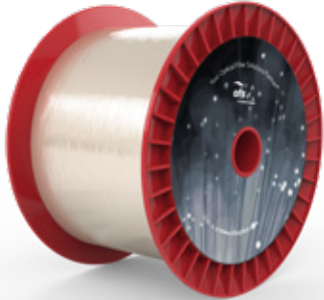


## ClearLite® 980 14 Optical Fiber

P/N: F9232



### Overview

ClearLite 980 14 operates primarily at the 980/1060 nm wavelengths (but is also suitable for use at 1550 nm) and has an NA of 0.14. Tight geometrical tolerances are maintained for low lot-to-lot variability and low splice loss. The high proof test level helps ensure extended lifetime in high-stress and submarine applications.

### Typical Applications

EDFAs  
Laser Diode Pigtails  
Submarine Applications



A Furukawa Company

# ClearLite® 980 14 Optical Fiber

P/N: F9232

Product Specifications	
Product Description	ClearLite 980 14 Optical Fiber
Physical Characteristics	
Coating Material	Dual UV Acrylate
Core Diameter (Nominal)	5.3 µm
Cladding Diameter	125 ± 1.0 µm
Coating/Buffer Diameter	250 ± 10 µm
Clad Non-Circularity	≤ 2.0%
Core/Clad Offset	≤ 0.3 µm
Optical Characteristics	
Type	Single-Mode
Operating Wavelength	980 nm, 1060 nm, and 1550 nm
Cutoff Wavelength	≤ 970 nm
Mode Field Diameter @ 980 nm	5.9 ± 0.3 µm
Mode Field Diameter @ 1060 nm	6.3 ± 0.3 µm
Mode Field Diameter @ 1550 nm	9.4 ± 0.5 µm
Attenuation @ 980 nm	≤ 2 dB/km
Attenuation @ 1060 nm	≤ 1.5 dB/km
Numerical Aperture (Nominal)	0.14
Mechanical and Environmental	
Operating Temperature	-40 to +85 °C
Short-Term Bend Radius	≥ 5 mm
Long-Term Bend Radius	≥ 9 mm
Proof Test Level	200 kpsi (1.38 GPa)
Order by Part Number	F9232
Product Description Code	SMB-B0980B
<b>OPTIONS:</b> 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](http://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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