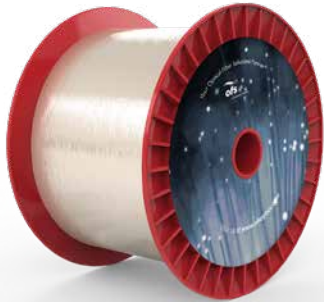




ClearLite® 780 II Short Wavelength Optical Fiber

P/N: CF04247-03



Overview

OFS ClearLite 780 II operates at 780 nm and has an NA of 0.11. The fiber has a dual UV acrylate coating. Short wavelength fibers perform in a wide variety of applications.

Typical Applications

- DWDM Components
- EDFAs
- Sensors and Communications Systems
- Short Wavelength Laser and LED Sources

Product Specifications

Product Description	ClearLite 780 II Short Wavelength Optical Fiber
Physical Characteristics	
Coating Material	Dual UV Acrylate
Core Diameter (Nominal)	4.9 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	780 nm
Cutoff Wavelength	730 \pm 40 nm
Mode Field Diameter @ 780 nm	5.4 \pm 0.75 μm
Attenuation @ 780 nm	\leq 4 dB/km
Numerical Aperture (Nominal)	0.11
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	200 kpsi (1.38 GPa)
Order by Part Number	CF04247-03
Product Description Code	SMC-A0780B

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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