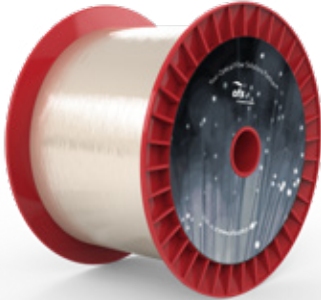


ClearLite® 820 16 Short Wavelength Optical Fiber

P/N: CF04246-04



Overview

OFS ClearLite 820 16 operates at 820 nm and has an NA of 0.16. The fiber has a dual UV acrylate coating.

Typical Applications

DWDM Components

EDFAs

Sensors and
Communications Systems

Short Wavelength Laser
and LED Sources



A Furukawa Company

ClearLite® 820 16 Short Wavelength Optical Fiber

P/N: CF04246-04

Product Specifications	
Product Description	ClearLite 820 16 Short Wavelength Optical Fiber
Physical Characteristics	
Coating Material	Dual UV Acrylate
Core Diameter (Nominal)	3.7 μm
Cladding Diameter	125 ± 1 μm
Coating/Buffer Diameter	245 ± 15 μm
Clad Non-Circularity	≤ 2.0%
Core/Clad Offset	≤ 0.5 μm
Optical Characteristics	
Type	Single-Mode
Operating Wavelength	820 nm & 850 nm
Cutoff Wavelength	770 ± 40 nm
Mode Field Diameter @ 820 nm	4.1 ± 0.75 μm
Attenuation @ 820 nm	≤ 5 dB/km
Numerical Aperture (Nominal)	0.16
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	CF04246-04
Product Description Code	SMB-D0820B
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.



Copyright © 2023 OFS Fitel, LLC. All rights reserved, printed in USA.

OFS Marketing Communications
Date: 02/23

For a full list of our certifications, visit our website.



ClearLite is a registered trademark of OFS Fitel, LLC. OFS reserves the right to make changes to the prices and product(s) described in this document at any time without notice. This document is for informational purposes only and is not intended to modify or supplement any OFS warranties or specifications relating to any of its products or services.