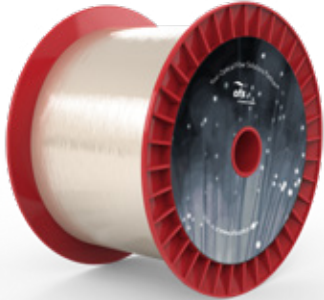


ClearLite® MICRO 1550 21 Optical Fiber

P/N: F9697-03



Overview

This optical fiber with a NA of 0.21 operates efficiently at 1550 nm for enhanced bend performance.

Typical Applications

Military Cables
Oil and Gas Applications
Small Form Sensors and
Devices That Will Experience
Exceptional Environments



A Furukawa Company

ClearLite® MICRO 1550 21 Optical Fiber

P/N: F9697-03

Product Specifications	
Product Description	ClearLite MICRO 1550 21 Optical Fiber
Physical Characteristics	
Coating Material	Carbon/PYROCOAT®
Core Diameter (Nominal)	5.3 μm
Cladding Diameter	80 ± 2 μm
Coating/Buffer Diameter	100 ± 4 μm
Clad Non-Circularity	≤ 2.0%
Core/Clad Offset	≤ 0.75 μm
Optical Characteristics	
Type	Single-Mode
Operating Wavelength	1550 nm
Cutoff Wavelength	≤ 1500 nm
Mode Field Diameter @ 1550 nm	6.0 ± 0.75 μm
Attenuation @ 1550 nm	≤ 1 dB/km
Numerical Aperture (Nominal)	0.21
Mechanical and Environmental	
Operating Temperature	-65 to +300 °C
Short-Term Bend Radius	≥ 5 mm
Long-Term Bend Radius	≥ 6 mm
Proof Test Level	≥ 150 kpsi (1.03 GPa)
Order by Part Number	F9697-03
Product Description Code	SMM-G1550J2
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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