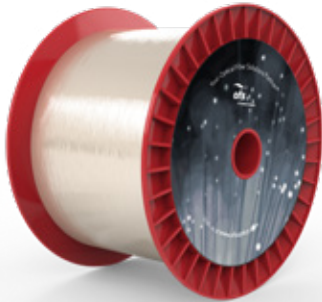




A Furukawa Company

1310 Single-Mode Optical Fiber for Imaging and Sensing

P/N: BF04441-06



Product Specifications

Product Description	1310 Single-Mode Optical Fiber
Physical Characteristics	
Coating Material	PYROCOAT®
Cladding Diameter	80 ± 2 µm
Coating/Buffer Diameter	100 ± 4 µm
Core/Clad Offset	≤ 1 µm
Coating Concentricity	≥ 80%
Optical Characteristics	
Type	Single-Mode
Operating Wavelength	1310 nm
Cutoff Wavelength	1250 ± 60 nm
Mode Field Diameter @1310	9.3 ± 0.5 µm
Attenuation @ 1310 nm	≤ 3.0 dB/km
Numerical Aperture	0.11
Mechanical and Environmental	
Operating Temperature	-65 to +300°C
Short-Term Bend Radius	≥ 6.5 mm
Long-Term Bend Radius	≥ 11.5 mm
Proof Test Level	≥ 150 kpsi
Order by Part Number	BF04441-06
Product Description Code	SMM-A1310H

OPTIONS: Buffer Color, Buffer Diameter, Buffer Material, Cabling, Connectorization, Numerical Aperture

NOTE: OFS polyimide optical fibers are known to operate in environments up to 300 °C. Performance is application dependent. Contact our Technical Sales department to discuss your specific application requirements. 1-860-678-6636

Typical Applications

Optical Coherence
Tomography (OCT)
Sensing

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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