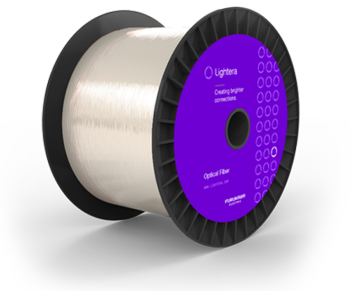

HCS® 200 µm All Silica Step-Index Optical Fiber

P/N: CF01493-41

Product Overview	High OH concentration in these fibers results in efficient power transmission in the wavelength range from high UV through visible light. The all-silica base construction also creates a high damage threshold and high-performance optical properties. High temperature environments require the use of PYROCOAT® polyimide coating.
Typical Applications	• Illumination • Laser Surgery • Radiation Analysis • Sensors • UV Fluorescene • UV Spectroscopy

Product Specifications	
Product Description	**200 All Silica Step-Index**
Physical Characteristics	
Core Diameter	200 ± 5 µm
Cladding Diameter	240 ± 5 µm
Coating Diameter	260 ± 5 µm
Buffer Diameter	375 ± 30 µm
Core/Clad Offset	≤ 7 µm
Crimp & Cleave Compatible	No
Cladding Material	HCS
Buffer Material	ETFE
Standard Buffer Color	Natural
Optical Characteristics	
Type	Multimode Step-Index
Numerical Aperture	0.22
Attenuation @ 820 nm	≤ 10 dB/km
Water Content	High OH
Mechanical and Environmental	
Operating Temperature	-65 to +125 ºC
Short-Term Bend Radius	≥ 9 mm
Long-Term Bend Radius	≥ 14 mm
Proof Test Level	≥ 200 kpsi (1.38 GPa)
Order by Part Number	**CF01493-41**
Product Description Code	**HCG-M0200T**
OPTIONS	Buffer Color, Buffer Diameter, Buffer Material, Cabling, Connectorization, Numerical Aperture

Contact Information	For additional information please contact your sales representative. You can also visit our website at www.lightera.com or call 1-888-FIBERHELP (1-888-342-3743) USA or 1-770-798-5555 outside the USA. For a full list of our certifications, visit our website.
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