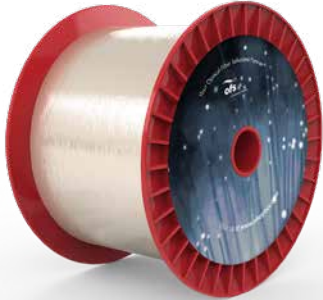




A Furukawa Company

HCS® 200 µm All Silica Step-Index Optical Fiber

P/N: CF01493-41



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 Fluorescence
- UV Spectroscopy



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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 °C
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	

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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OFS Marketing Communications
Date: 02/22

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