



OFS Fitel, LLC

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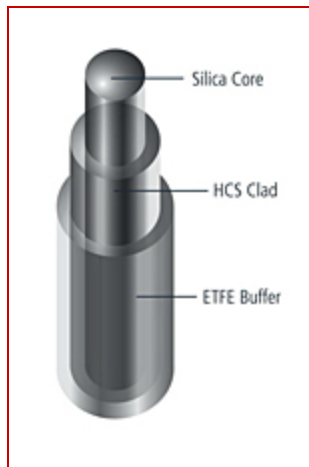
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Item # CF01493-12, 400 μm HCS 0.37 NA Low OH Optical Fiber

These fibers are ideally suited for use with both 650 and 850 nm active devices. For medical applications, they are USP Class VI non toxic, biocompatible and sterilizable. Part of the HCS fiber family, the 200 and 400 μm sized fibers are compatible with crimp and cleave termination.



Optical Properties | Dimensions/Geometric Properties | Coating/Buffer Descriptions | Mechanical and Testing Data | How To Order: | Applications For Any And/Or All Of These Products | Options

Optical Properties

Type	Multimode Step-Index
Numerical Aperture	0.37
Attenuation	@ 850 nm, ≤ 8 dB/km
Water Content	Low OH

Dimensions/Geometric Properties

Core Diameter	400 ± 8 µm
HCS® Cladding Diameter	430 +5 / -10 µm
ETFE Buffer Diameter	730 ± 30 µm
Core/Clad Offset	≤ 8 µm
Crimp & Cleave Compatible	Yes

Coating/Buffer Descriptions

Cladding Material	HCS
Buffer Material	ETFE
Operating Temperature	-65 to +125 °C

Mechanical and Testing Data

Short-Term Bend Radius	≥ 29 mm
Long-Term Bend Radius	≥ 47 mm
Proof Test Level	≥ 100 kpsi 0.689 GPa

How To Order:

Product Description Code	HCP-M0400T
Order From Location	AVON LOCATION 1.888.438.9936 toll-free in the United States and Canada 1.860.678.0371 from outside the U.S.A. 55 Darling Drive Avon, CT 06001, USA
Order By Item #	CF01493-12

Applications For Any And/Or All Of These Products

Automotive
Avionics Communications
Electric Power Generation SCADA Systems
High-Power Laser Delivery
Illumination
Industrial Automation / Control
Laser Therapy and Surgery
LED and Laser Source Coupling
Medical lasers
Near-IR Spectroscopy
Nuclear Plasma Diagnostics
Optical Pyrometry
Semiconductor Equipment
Sensing
Short- to medium distance communications

Options

Buffer Color
Buffer Diameter
Buffer Material
Proof Test