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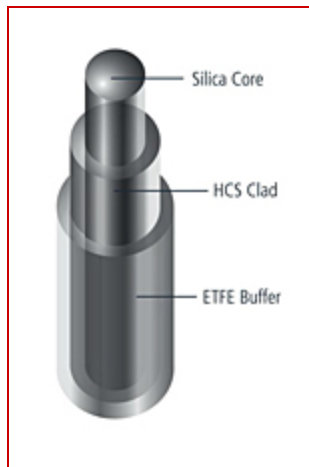
Phone:+1 888.342.3743 [USA and Canada]

Website: www.ofsoptics.com

Item # CF05578-03, 400 μm HCS 0.43 NA Low OH Optical Fiber

High NA fiber captures more input power with very low bend-induced attenuation, high coupling efficiency.

Part of the HCS fiber family, these fibers are compatible with crimp and cleave termination.



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Optical Properties

Type	Multimode Step-Index
Numerical Aperture	0.43
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-H0400T
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 #	CF05578-03

Typical Applications

High-Power Laser Delivery
Industrial
Medical Illumination
Sensors

Options

Buffer Color
Buffer Diameter
Buffer Material
Cabling
Connectorization
Numerical Aperture
Proof Test