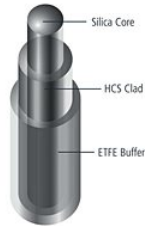


**Item # CF01493-14, 600 HCS® Low OH 0.37 NA Fibers**

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](#) · [Ordering Information](#) · [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	600 ± 10 µm
HCS Cladding Diameter	630 +5 / -10 µm
ETFE Buffer Diameter	1040 ± 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	≥ 58 mm
Long-Term Bend Radius	≥ 94 mm
Proof Test Level	≥ 100 kpsi 0.517 GPa

**Ordering Information**

Product Description Code	HCP-M0600T
Order From Location	AVON LOCATION (headquarters) 1.888.438.9936 toll-free in the United States and Canada 1.860.678.0371 for all other locations 55 Darling Drive Avon, CT 06001, USA <a href="mailto:info@SpecialtyPhotonics.com">info@SpecialtyPhotonics.com</a>
Order By Item #	CF01493-14

**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

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**Options**

Buffer Color  
Buffer Diameter  
Buffer Material  
Proof Test