

OFS, Specialty Photonics Division

55 Darling Drive

Avon, CT 06001

Phone: 860-678-0371 • **Fax:** 860-674-8818**Email:** info@specialtyphotonics.com • **Website:** http://www.specialtyphotonics.com**Item # AC01282-10, Zipcord 2.5 mm Based Construction Step-Index 200 µm HCS® Riser and General Purpose Cables****Zipcord 2.5 mm Based Construction Step-Index 200 µm HCS® Riser and General Purpose Cables**

OFS 2.5 mm HCS fiber cables are designed primarily for industrial data-communication applications. Taking advantage of the durability and toughness of HCS optical fibers, these tight-buffer cables surround the fiber with high-strength aramid yarn and are protected with a tough 2.5 mm diameter PVC jacket. For especially heavy-duty environments, choose the Factory5 option.

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OPTICAL PROPERTIES

Type	Multimode Step-Index
Attenuation	@ 850 nm, ≤ 6 dB/km
Subcomponent Bare Fiber Specifications	CF01493-10, 200 HCS® Low OH 0.37 NA Fibers

CABLE DESIGN

Construction	Zipcord
Numerical Aperture	0.37
Fiber Core Diameter	200 ± 4 µm
Outer Cable Diameter	2.5 x 5.2 mm
Cable Weight	11 kg/km
Outer Jacket Material	PVC
Outer Jacket Color	Orange
Flammability Rating	UL-1666 (Riser)

INSTALLATION AND USAGE SPECIFICATIONS

Maximum Installation Tensile Load	165 lb 734 N
Maximum Operating Tensile Load	85 lb 378 N
Minimum Bend Radius Under Load	38 mm
Minimum Bend Radius Unloaded	25 mm
Operating Temperature	-20 to +80 °C
Storage Temperature	-40 to +80 °C

ORDERING INFORMATION

Product Description Code	HCP-M0200T-A02VZ
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 info@SpecialtyPhotonics.com

TYPICAL APPLICATIONS

Factory Automation Near-IR Spectroscopy

Industrial Communications

Laser Power Delivery

CRIMP & CLEAVE COMPATIBILITY

SMA Connectors

ST™ Connectors

OPTIONS

Also Available in Breakout Construction with up to 18 Sub-Units

Jacket Color

Print Legend

Terminated Assemblies