

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 # BC04340, Zipcord 2.2 mm Based Construction Step-Index 200 μ m HCS® Plenum V-System® Cables



Zipcord 2.2 mm Based Construction Step-Index 200 μ m HCS® Plenum V-System® Cables

OFS 2.2 mm HCS fiber V-System cable is a low-cost, silica-based cabling system, compatible with Avago versatile link 650 nm receivers and transmitters.

Cables built with 200 μ m HCS fiber are an alternative to the plastic fiber otherwise used with those components, offering high performance, greater link length, and better mechanical and environmental properties at comparable cost.

[OPTICAL PROPERTIES](#) · [CABLE DESIGN](#) · [INSTALLATION AND USAGE SPECIFICATIONS](#) · [ORDERING INFORMATION](#) · [TYPICAL APPLICATIONS](#) · [CRIMP & CLEAVE COMPATIBILITY](#) · [OPTIONS](#)

OPTICAL PROPERTIES

Type	Multimode Step-Index
Attenuation	@ 850 nm, \leq 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 \pm 4 μ m
Outer Cable Diameter	2.2 x 4.6 mm
Cable Weight	11 kg/km
Fiber Count/Construction	Zipcord
Outer Jacket Material	PVC
Outer Jacket Color	Blue

Flammability Rating	NFPA-262
---------------------	----------

INSTALLATION AND USAGE SPECIFICATIONS

Maximum Installation Tensile Load	25 lb 111 N
Maximum Operating Tensile Load	5 lb 22 N
Minimum Bend Radius Under Load	15 mm
Minimum Bend Radius Unloaded	10 mm
Operating Temperature	0 to +75 °C
Storage Temperature	-20 to +75 °C

ORDERING INFORMATION

Product Description Code	HCP-M0200T-V02PL
Order From Location	<p>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</p>

TYPICAL APPLICATIONS

650 or 850 nm Devices

Factory Automation

Industrial Communications

Laser Power Delivery

Near-IR Spectroscopy

Plenum Installations

CRIMP & CLEAVE COMPATIBILITY

V-Pin Connectors

OPTIONS

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

Jacket Color

Print Legend

Terminated Assemblies