

**OFS, Specialty Photonics Division**

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**Item # BC04370-12-BR, Simplex with Aramid Yarn 2.2 mm Based Construction Step-Index 400 µm HCS® Plenum Cables**

**Simplex with Aramid Yarn 2.2 mm Based Construction Step-Index 400 µm HCS® Plenum 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 400 µm HCS fiber are an alternative to the plastic fiber otherwise used with those components, offering high performance at comparable cost.

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**OPTICAL PROPERTIES**

Type	Multimode Step-Index
Attenuation	@ 850 nm, ≤ 8 dB/km
Subcomponent Bare Fiber Specifications	CF01493-12, 400 HCS® Low OH 0.37 NA Fibers

**CABLE DESIGN**

Construction	Simplex with Aramid Yarn V-System
Numerical Aperture	0.37
Fiber Core Diameter	400 ± 8 µm
Outer Cable Diameter	2.2 mm
Cable Weight	6.5 kg/km
Outer Jacket Material	PVC
Outer Jacket Color	Brown
Flammability Rating	NFPA-262

## INSTALLATION AND USAGE SPECIFICATIONS

Maximum Installation Tensile Load	50 lb 222 N
Maximum Operating Tensile Load	20 lb 89 N
Minimum Bend Radius Under Load	65 mm
Minimum Bend Radius Unloaded	45 mm
Operating Temperature	0 to +75 °C
Storage Temperature	-20 to +75 °C

## ORDERING INFORMATION

Product Description Code	HCP-M0400T-V01PS
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

650 or 850 nm Devices

Factory Automation

Industrial Communications

Laser Power Delivery

Near-IR Spectroscopy

Plenum Installations

## CRIMP & CLEAVE COMPATIBILITY

ST™ Connectors

V-Pin Connectors

## OPTIONS

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

Jacket Color

Print Legend

Terminated Assemblies