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## Item # BC03597-12-BR, Simplex V-System 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.



[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, ≤ 8 dB/km
Fiber Specifications	<a href="#">CF01493-12</a> , 400 0.37 NA Low OH Optical Fiber

### Cable Design

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

## Installation and Usage Specifications

<b>Installation Load Maximum</b>	25 lb 111 N
<b>Operating Load Maximum</b>	10 lb 44 N
<b>Minimum Bend Installation</b>	65 mm
<b>Minimum Bend Operating</b>	45 mm
<b>Operating Temperature</b>	0 to +75 °C
<b>Storage Temperature</b>	-20 to +75 °C

## Ordering Information

<b>Product Description Code</b>	HCP-M0400T-V01PK
<b>Order From Location</b>	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
<b>Order By Item #</b>	BC03597-12-BR

## 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