



A Furukawa Company

## Simplex 2.2 mm Step-Index 200 $\mu\text{m}$ HCS<sup>®</sup> Riser V-System<sup>®</sup> Fiber Optic Cable

P/N: BC04265-10



### Overview

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  $\mu\text{m}$  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.

### Typical Applications

650 or 850 nm Devices  
Factory Automation  
Industrial Communications  
Laser Power Delivery  
Near-IR Spectroscopy  
Riser Installations

Product Specifications	
Product Description	Simplex 2.2 mm Step-Index 200 µm HCS Riser V-System Fiber Optic Cables
Physical Characteristics	
Construction	Simplex
Numerical Aperture	0.37
Fiber Core Diameter	200 ± 4 µm
Outer Cable Diameter	2.2 mm
Cable Weight	5.5 kg/km
Outer Jacket Material	PVC
Outer Jacket Color	Blue
Flammability Rating	UL-1666
Crimp & Cleave Compatibility	V-Pin Connectors
Optical Characteristics	
Type	Multimode Step-Index
Attenuation @ 850 nm	≤ 6 dB/km
Fiber Specifications	CF01493-10, 200 µm HCS 0.37 NA Low OH Optical Fiber
Mechanical and Environmental	
Installation Load (Maximum)	25 lb. (111 N)
Operating Load (Maximum)	5 lb. (22 N)
Minimum Bend Installation	15 mm
Minimum Bend Operating	10 mm
Operating Temperature	-20 to +80 °C
Storage Temperature	-40 to +80 °C
Order by Part Number	<b>BC04265-10</b>
Product Description Code	HCP-M0200T-V01RK

**OPTIONS:** Also available in breakout construction with up to 18 sub-units, jacket color, print legend, terminated assemblies

**NOTE:** The operating temperature ranges are general guidelines. Consult with our Technical Sales department to determine the optimal coating and jacketing material for your specific application.  
1.860.678.6636.

**For additional information please contact your sales representative.**

You can also visit our website at [www.ofsoptics.com](http://www.ofsoptics.com) or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.