



A Furukawa Company

Your Optical Fiber Solutions Partner®

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Item # BC04791-10, 2-Fiber 2.2 mm Based Construction Step-Index 200 µm HCS® Riser 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 µm 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.



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Optical Properties

Type: Multimode Step-Index

Attenuation: @ 850 nm, ≤ 8 dB/km

Fiber Specifications: [CF01493-10](#), 200 0.37 NA Low OH Optical Fiber

Cable Design

Construction	2-Fiber
Numerical Aperture	0.37
Fiber Core Diameter	200 ± 4 µm
Sub-Unit Diameter	2.2 ± 0.1 mm
Outer Cable Diameter	7.5 mm
Cable Weight	50 kg/km
Outer Jacket Material	PVC
Outer Jacket Color	Black
Flammability Rating	UL-1666

Installation and Usage Specifications

Installation Load Maximum	90 lb 400 N
Operating Load Maximum	45 lb 200 N
Minimum Bend Installation	113 mm
Minimum Bend Operating	75 mm
Operating Temperature	-20 to +80 °C
Storage Temperature	-40 to 80 °C

Ordering Information

Product Description Code	HCP-M0200T-V02RB
Order From Location	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
Order By Item #	BC04791-10

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

Typical Applications

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