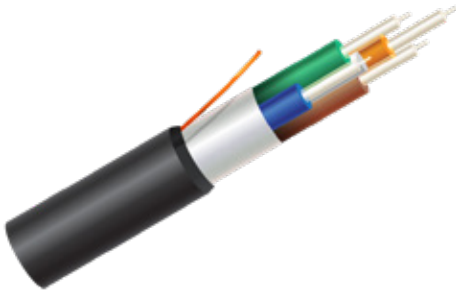


## 4-Fiber Breakout 2.2 mm 200 $\mu\text{m}$ HCS<sup>®</sup> Step-Index V-System Fiber Optic Cable

P/N: C13876



### Overview

Outdoor Heavy-Duty (HD) Industrial Cables enable highly intelligent communication interfaces in harsh environments when high speed and signal integrity are critical.

All-dielectric construction makes these cables suitable for hazardous areas while providing immunity from EMI/RFI noise and grounding problems. HCS fiber V-System cable is a low-cost, silica-based cabling system, compatible with Avago<sup>®</sup> versatile link 650 nm receivers and transmitters.

### Typical Applications

650 or 860 nm Devices

Factory Automation

Fuel Cells

Rugged Environment

Sensing

Short-Haul Data Transmission  
in Harsh/Wet Environments

Utilities

Wind Turbines

Product Specifications	
Product Description	4-Fiber Breakout 2.2 mm 200 $\mu$ m HCS Step-Index V-System Fiber Optic Cable
Physical Characteristics	
Construction	4-Fiber Breakout
Fiber Core Diameter	200 $\pm$ 4 $\mu$ m
Sub-Unit Diameter	2.2 $\pm$ 0.15 $\mu$ m
Outer Cable Diameter	8 mm
Cable Weight	50 kg/km
Outer Jacket Material	PE
Outer Jacket Color	Black
Numerical Aperture	0.37
Crimp & Cleave Compatibility	V-Pin Connectors
Optical Characteristics	
Type	Multimode Step-Index
Attenuation @ 850 nm	$\leq$ 8 dB/km
Fiber Specifications	CF01493-10, 200 $\mu$ m HCS 0.37 NA Low OH Optical Fiber
Mechanical and Environmental	
Installation Load (Maximum)	90 lb. (400 N)
Operating Load (Maximum)	45 lb. (200 N)
Minimum Bend Installation	120 mm
Minimum Bend Operating	80 mm
Operating Temperature	-40 to +80 $^{\circ}$ C
Storage Temperature	-40 to +80 $^{\circ}$ C
Intended Location	Outdoor
Order by Part Number	<b>C13876</b>
Product Description Code	HCP-M0200T-V04EB
<b>OPTIONS:</b> Also available in breakout construction with up to 18 sub-units, inner/outer jacket color, outer jacket material, print legend, terminated assemblies	
<b>NOTE:</b> 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.



Copyright © 2019 OFS Fitel, LLC.  
All rights reserved, printed in USA.

OFS Marketing Communications  
Date: 12/19

HCS is a registered trademark of OFS Fitel, LLC. Avago is a registered trademark of Broadcom. OFS reserves the right to make changes to the prices and product(s) described in this document at any time without notice. This document is for informational purposes only and is not intended to modify or supplement any OFS warranties or specifications relating to any of its products or services.