



A Furukawa Company

Your Optical Fiber Solutions Partner®

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Item # BC06145-02, 2-Fiber HD Breakout 2.2 mm Based Construction 200 μm HCS® Step-Index V-System® Cables

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® versatile link 650 nm receivers and transmitters.



[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	CF01493-10 , 200 0.37 NA Low OH Optical Fiber

Cable Design

Construction	2-Fiber HD Breakout
Numerical Aperture	0.37
Fiber Core Diameter	200 ± 4 µm
Sub-Unit Diameter	2.2 ± 0.1 mm
Outer Cable Diameter	8 mm
Cable Weight	51 kg/km
Outer Jacket Material	PE
Outer Jacket Color	Black

Installation and Usage Specifications

Installation Load Maximum	528 lb 2358 N
Operating Load Maximum	263 lb 1170 N
Minimum Bend Installation	120 mm
Minimum Bend Operating	80 mm
Operating Temperature	-40 to 80 °C
Storage Temperature	-40 to 80 °C

Ordering Information

Product Description Code HCP-M0200T-V02EB-HD

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 # BC06145-02

The operating temperature ranges are general guidelines. Consult

Note

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
Fuel Cells
Rugged Environment
Sensing
Short-Haul Data Transmission in Harsh/Wet Environments
Utilities
Wind Turbines

Crimp & Cleave Compatibility

V-Pin Connectors

Options

Jacket Color
Print Legend
Terminated Assemblies