

OFS, Specialty Photonics Division

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Item # BC06145-06, 6-Fiber HD Breakout 2.2 mm Based Construction 200 µm HCS® Step-Index V-System® Cables

6-Fiber Heavy-Duty Breakout



6-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.

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OPTICAL PROPERTIES

Type	Multimode Step-Index
Attenuation	@ 850 nm, ≤ 8 dB/km
Subcomponent Bare Fiber Specifications	CF01493-10, 200 HCS® Low OH 0.37 NA Fibers

CABLE DESIGN

Construction	6-Fiber HD Breakout
Numerical Aperture	0.37
Fiber Core Diameter	200 ± 4 µm
Sub-Unit Diameter	2.2 ± 0.15 mm
Outer Cable Diameter	9.5 mm
Cable Weight	75 kg/km
Outer Jacket Material	PE

Outer Jacket Color	Black
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INSTALLATION AND USAGE SPECIFICATIONS

Maximum Installation Tensile Load	528 lb 2350 N
Maximum Operating Tensile Load	263 lb 1170 N
Minimum Bend Radius Under Load	143 mm
Minimum Bend Radius Unloaded	95 mm
Operating Temperature	-40 to 80 °C
Storage Temperature	-40 to +80 °C

ORDERING INFORMATION

Product Description Code	HCP-M0200T-V06EB-HD
Order From Location	AVON LOCATION (headquarters) 1.888.438.9936 toll-free in the United States and Canada 1.860.678.0371 for all other locations 55 Darling Drive Avon, CT 06001, USA info@SpecialtyPhotonics.com
Order By Item #	BC06145-06

TYPICAL APPLICATIONS

- Factory Automation
- Industrial Communications
- Laser Power Delivery
- Near-IR Spectroscopy
- Wind Turbines

CRIMP & CLEAVE COMPATIBILITY

V-Pin Connectors

OPTIONS

Also Available in Breakout Construction with up to 18 Sub-Units

Inner/Outer Jacket Color

Outer Jacket Material

Print Legend

Terminated Assemblies
