

OFS, Specialty Photonics Division

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Item # BC04307, Zipcord 2.2 mm Based Construction Step-Index 200 µm HCS® Riser V-System® Cables

Zipcord Riser



Zipcord 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, ≤ 6 dB/km |
| Subcomponent Bare Fiber Specifications | CF01493-10, 200 HCS® Low OH 0.37 NA Fibers |

CABLE DESIGN

| | |
|-----------------------|--------------|
| Construction | Zipcord |
| Numerical Aperture | 0.37 |
| Fiber Core Diameter | 200 ± 4 µm |
| Outer Cable Diameter | 2.2 x 4.6 mm |
| Cable Weight | 11.0 kg/km |
| Outer Jacket Material | PVC |
| Outer Jacket Color | Blue |
| Flammability Rating | UL-1666 |

INSTALLATION AND USAGE SPECIFICATIONS

| | |
|-----------------------------------|----------------|
| Maximum Installation Tensile Load | 25 lb 111 N |
| Maximum Operating Tensile Load | 5 lb 22 N |
| Minimum Bend Radius Under Load | 15 mm |
| Minimum Bend Radius Unloaded | 10 mm |
| Operating Temperature | -20 to +80 °C |
| Storage Temperature | -40 to +80 °C |

ORDERING INFORMATION

| | |
|--------------------------|--|
| Product Description Code | HCP-M0200T-V02RL |
| 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 |

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