Simplex 2.2 mm Step-Index 200 µm HCS® Plenum V-System® Fiber Optic Cable
P/N: BC03597-10-BL

Overview

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.

Typical Applications

650 or 850 nm Devices

Factory Automation

Industrial Communications

Laser Power Delivery

Near-IR Spectroscopy

Plenum Installations

Product Specifications	
Product Description	**Simplex 2.2 mm Step-Index 200 µm HCS Plenum V-System Fiber Optic Cables**
Physical Characteristics	
Construction	Simplex
Numerical Aperture	0.37
Fiber Core Diameter	200 ± 4 µm
Outer Cable Diameter	2.2 mm
Cable Weight	5.5 kg/km
Outer Jacket Material	PVC
Outer Jacket Color	Blue
Flammability Rating	NFPA-262
Crimp & Cleave Compatibility	V-Pin Connectors
Optical Characteristics	
Type	Multimode Step-Index
Attenuation @ 850 nm	≤ 6 dB/km
Fiber Specifications	CF01493-10, 200 µm HCS 0.37 NA Low OH Optical Fiber
Mechanical and Environmental	
Installation Load (Maximum)	25 lb. (111 N)
Operating Load (Maximum)	5 lb. (22 N)
Minimum Bend Installation	125 mm
Minimum Bend Operating	10 mm
Operating Temperature	0 to +75 ºC
Storage Temperature	-20 to +75 ºC
Order by Part Number	**BC03597-10-BL**
Product Description Code	HCP-M0200T-V01PK

OPTIONS: Also available in breakout construction with up to 18 sub-units, jacket color, print legend, terminated assemblies

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.

For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.