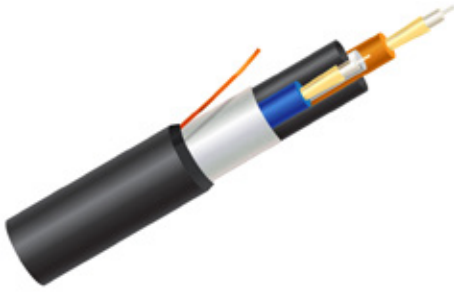


2-Fiber 2.2 mm Step-Index 200 μm HCS[®] Fiber Optic Cable

P/N: AC02739-10



Overview

With their 2.2 mm form factor and aramid yarn strength elements, these 200 μm step-index HCS cables are a low-cost, silica-based system compatible with F05 and F07 connectors.

Cables built with 200 μm HCS fibers are an alternative to the plastic fiber, offering high performance, greater link length, and better mechanical and environmental products at comparable cost.

Product Specifications	
Product Description	2-Fiber 2.2 mm Step-Index 200 μ m Fiber Optic Cable
Physical Characteristics	
Construction	2-Fiber
Numerical Aperture	0.37
Fiber Core Diameter	200 \pm 4 μ m
Sub-Unit Diameter	2.2 \pm 0.15 mm
Outer Cable Diameter	8.4 mm
Cable Weight	50 kg/km
Outer Jacket Material	PVC
Outer Jacket Color	Black
Flammability Rating	None
Crimp & Cleave Compatibility	F07, SMA, and ST Connectors
Optical Characteristics	
Type	Multimode Step-Index
Attenuation @ 850 nm	\leq 6 dB/km
Fiber Specifications	CF01493-10, 200 μ m HCS 0.37 NA Low OH Optical Fiber
Mechanical and Environmental	
Installation Load (Maximum)	135 lb. (601 N)
Operating Load (Maximum)	100 lb. (445 N)
Minimum Bend Installation	75 mm
Minimum Bend Operating	50 mm
Operating Temperature	-20 to +105 $^{\circ}$ C
Storage Temperature	-40 to +80 $^{\circ}$ C
Order by Part Number	AC02739-10
Product Description Code	HCP-M0200T-J02VB

OPTIONS: Also available in breakout construction with up to 18 sub-units, higher fiber count, inner/outer jacket color, outer jacket material, print legend

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.