



Duplex 2.5 mm Step-Index 200 μ m HCS® Riser Fiber Optic Cable

P/N: AC03720-10

Overview	Lightera 2.5 mm HCS fiber cables are designed primarily for industrial data-communication applications. Taking advantage of the durability and toughness of HCS optical fibers, these tight-buffer cables surround the fiber with high-strength aramid yarn and are protected with a tough 2.5 mm diameter PVC jacket.
Typical Applications	• Factory Automation • Industrial Communications • Laser Power Delivery

Product Specifications	
Product Description	Duplex 2.5 mm Step-Index 200 μm HCS Riser Fiber Optic Cable
Physical Characteristics	
Construction	Duplex
Numerical Aperture	0.37
Fiber Core Diameter	200 $\pm$ 4 μ m
Sub-Unit Diameter	2.5 $\pm$ 0.1 mm
Outer Cable Diameter	3.5 x 6.0 mm
Cable Weight	20 kg/km
Outer Jacket Material	PVC
Outer Jacket Color	Orange
Crimp & Cleave Compatibility	SMA Connectors, 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)	220 lb. (979 N)
Operating Load (Maximum)	110 lb. (489 N)
Minimum Bend Installation	53 mm
Minimum Bend Operating	35 mm
Operating Temperature	-20 to +80 $^{\circ}$ C
Storage Temperature	-40 to +80 $^{\circ}$ C
Order by Part Number	AC03720-10
Product Description Code	HCP-M0200T-A02VD
OPTIONS	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.
Contact Information	For additional information please contact your sales representative. You can also visit our website at www.lightera.com or call 1-888-FIBERHELP (1-888-342-3743) USA or 1-770-798-5555 outside the USA. For a full list of our certifications, visit our website.
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