



A Furukawa Company

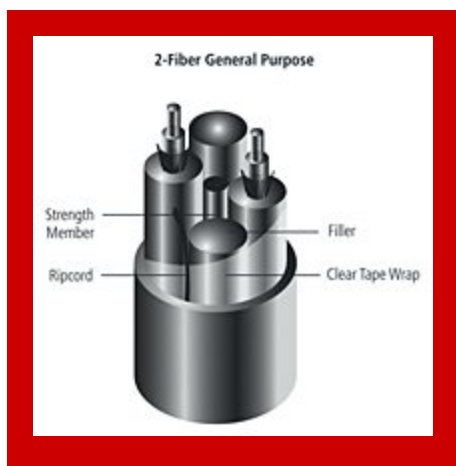
Your Optical Fiber Solutions Partner®

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## Item # AC02739-10, 2-Fiber 2.2 mm Based Construction Step-Index 200 µm HCS® General Purpose Cables

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 properties at comparable cost.



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### Optical Properties

**Type** Multimode Step-Index

**Attenuation** @ 850 nm, ≤ 6 dB/km

**Fiber Specifications** [CF01493-10](#), 200 0.37 NA Low OH Optical Fiber

### Cable Design

<b>Construction</b>	2-Fiber
<b>Numerical Aperture</b>	0.37
<b>Fiber Core Diameter</b>	200 ± 4 µm
<b>Sub-Unit Diameter</b>	2.2 ± 0.15 mm
<b>Outer Cable Diameter</b>	8.4 mm
<b>Cable Weight</b>	50 kg/km
<b>Outer Jacket Material</b>	PVC
<b>Outer Jacket Color</b>	Black
<b>Flammability Rating</b>	None

## Installation and Usage Specifications

<b>Installation Load Maximum</b>	135 lb 601 N
<b>Operating Load Maximum</b>	100 lb 445 N
<b>Minimum Bend Installation</b>	75 mm
<b>Minimum Bend Operating</b>	50 mm
<b>Operating Temperature</b>	-20 to +105 °C
<b>Storage Temperature</b>	-40 to 80 °C

## Ordering Information

<b>Product Description Code</b>	HCP-M0200T-J02VB
<b>Order From Location</b>	AVON LOCATION 1.888.438.9936 toll-free in the United States and Canada 1.860.678.0371 from outside the U.S.A. 55 Darling Drive Avon, CT 06001, USA
<b>Order By Item #</b>	AC02739-10

## Typical Applications

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

## Crimp & Cleave Compatibility

F07 Connectors  
SMA Connectors  
ST Connectors

## Options

Also Available in Breakout Construction with up to 18 Sub-Units  
Higher Fiber Count  
Inner/Outer Jacket Color  
Outer Jacket Material  
Print Legend