



A Furukawa Company

Your Optical Fiber Solutions Partner®

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Item # AC01281-10, Simplex 2.5 mm Based Construction Step-Index 200 μm HCS® Riser and General Purpose Cables

OFS 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.



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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

Construction: Simplex

Numerical Aperture	0.37
Fiber Core Diameter	200 ± 4 µm
Outer Cable Diameter	2.5 mm
Cable Weight	6.5 kg/km
Outer Jacket Material	PVC
Outer Jacket Color	Orange
Flammability Rating	UL-1666 (Riser)

Installation and Usage Specifications

Installation Load Maximum	110 lb 489 N
Minimum Bend Installation	38 mm
Operating Load Maximum	55 lb 245 N
Minimum Bend Operating	25 mm
Operating Temperature	-20 to +80 °C
Storage Temperature	-40 to 80 °C

Ordering Information

Product Description Code HCP-M0200T-A01VS

Order From Location 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

Order By Item # AC01281-10

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

Typical Applications

Factory Automation Near-IR Spectroscopy
Industrial Communications
Laser Power Delivery

Crimp & Cleave Compatibility

SMA Connectors
ST Connectors

Options

Also Available in Breakout Construction with up to 18 Sub-Units
Jacket Color
Print Legend
Terminated Assemblies