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## Item # C14787, Simplex Factory5 Cable 2.5 mm Based Construction Step-Index 200 μm HCS® Riser and General Purpose Cable

Simplex Factory5 Cable 2.5 mm Based Construction Step-Index 200 μm HCS® Riser and General Purpose Cable

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. For especially heavy-duty environments, choose the Factory5 option.



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### Optical Properties

**Type** Multimode Step-Index

**Attenuation** @ 850 nm, ≤ 8 dB/km

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

## Cable Design

<b>Construction</b>	Simplex Factory5
<b>Numerical Aperture</b>	0.37
<b>Fiber Core Diameter</b>	200 ± 4 µm
<b>Sub-Unit Diameter</b>	2.5 ± 0.2 mm
<b>Outer Cable Diameter</b>	5.0 mm
<b>Cable Weight</b>	25 kg/km
<b>Outer Jacket Material</b>	PVC
<b>Outer Jacket Color</b>	Black
<b>Flammability Rating</b>	UL-1666 (Riser), c(UL)US

## Installation and Usage Specifications

<b>Installation Load Maximum</b>	300 lb 1334 N
<b>Operating Load Maximum</b>	150 lb 667 N
<b>Minimum Bend Installation</b>	75 mm
<b>Minimum Bend Operating</b>	50 mm
<b>Operating Temperature</b>	-20 to +80 °C
<b>Storage Temperature</b>	-20 to +80 °C

## Ordering Information

<b>Product Description Code</b>	Uncoded
<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

## 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