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## Item # C21050, 200 μm Simplex Low Smoke Zero Halogen Step-Index HCS® Indoor Cables

Designed specifically for indoor use, these simplex and zipcord designs with 2.5 mm outer jackets are constructed with low smoke zero halogen (LSZH) cable materials from HCS® fibers. They are appropriate for indoor riser installations in enclosed or sealed locations. These cables are crimp and cleave compatible with ST or SMA connectors. LSZH materials also offer a higher operating temperature range than comparable HCS cables.



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### Optical Properties

**Type** Multimode Step-Index

**Attenuation** @ 850 nm, ≤ 6 dB/km

### Cable Design

**Construction** Simplex

<b>Specialty Testing [IEC 754-2 acid gas (Halogen) content]</b>	Passes
<b>Specialty Testing [IEC 332-3 flammability rating]</b>	Passes
<b>Specialty Testing [Cyclic flexing]</b>	> 50,000 cycles
<b>Fiber Core Diameter</b>	200 ± 4 µm
<b>Sub-Unit Diameter</b>	not applicable mm
<b>Outer Cable Diameter</b>	2.5 ± 0.2 mm
<b>Cable Weight</b>	< 7.0 kg/km
<b>Outer Jacket Material</b>	LSZH
<b>Outer Jacket Color</b>	Orange

## Installation and Usage Specifications

<b>Installation Load Maximum</b>	110 lb 489 N
<b>Operating Load Maximum</b>	55 lb 245 N
<b>Minimum Bend Installation</b>	38 mm
<b>Minimum Bend Operating</b>	25 mm
<b>Operating Temperature</b>	-20 to +80 °C
<b>Storage Temperature</b>	-40 to 80 °C
<b>Intended Location</b>	Indoor

## Ordering Information

<b>Product Description Code</b>	HCP-M0200T-A01ZS
<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

**Order By Item #**

C21050

**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

Nuclear Power Plants  
Offshore Marine Platforms  
Shipboard Systems

## Crimp & Cleave Compatibility

SMA Connectors  
ST Connectors

## Options

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