



A Furukawa Company

Your Optical Fiber Solutions Partner®

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### Item # C26136, 2.2 mm Zipcord 50/200/230 Low Smoke Zero Halogen GiHCS® Cable

Designed specifically for indoor use, this zipcord design with a 2.2 mm outer jacket is constructed with low smoke zero halogen (LSZH) cable materials from GiHCS fibers. Appropriate for indoor riser installation in enclosed or sealed locations. LSZH materials also offer a higher operating temperature range than comparable GiHCS cables. Our zipcord cable is aramid-free for quick, easy, field connectorization. For ethernet-based automation and control systems.



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Optical Properties	
Type	Multimode Graded-Index
Attenuation	@ 1300 nm, ≤ 3.0 dB/km @ 850 nm, ≤ 5.0 dB/km
Fiber Specifications	<u>F16496</u> , 50 μm GiHCS® Optical Fibers

Cable Design	
Fiber Core Diameter	50 μm
Fiber Geometry	50/200/230 μm

<b>Construction</b>	Zipcord
<b>Specialty Testing [Cyclic flexing]</b>	> 50,000 cycles
<b>Outer Cable Diameter</b>	2.2 ± 0.1 mm x 4.6 mm Nominal
<b>Cable Weight</b>	< 12.0 kg/km
<b>Outer Jacket Color</b>	Orange
<b>Outer Jacket Material</b>	LSZH

### Installation and Usage Specifications

<b>Installation Load Maximum</b>	25 lb 111 N
<b>Operating Load Maximum</b>	5 lb 22 N
<b>Minimum Bend Installation</b>	33 mm
<b>Minimum Bend Operating</b>	22 mm
<b>Operating Temperature</b>	-20 to +80 °C
<b>Storage Temperature</b>	-40 to 80 °C
<b>Intended Location</b>	Indoor

### Fire Safety Testing

<b>Qualified to the following US, Canadian and International Standards</b>	OFNR, US and Canadian UL 1666 and FT-4. IEC 60332, 60754, 61034 for flame spread, halogen and acid gas evolution, and smoke emissions.
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### Ordering Information

<b>Product Description Code</b>	HCU-MF050T-V02ZZ
<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>	C26136
<b>Note</b>	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

### Typical Applications

Nuclear Power Plants  
Offshore Marine Platforms  
Shipboard Systems

## Crimp & Cleave Compatibility

### Crimp & Cleave Compatibility

V-Pin Connectors

## Options

### Options

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