



A Furukawa Company

Your Optical Fiber Solutions Partner®

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Item # C26642, 2.5 mm Zipcord 50/200/230 Low Smoke Zero Halogen GiHCS® Cable

Designed specifically for indoor use, this design with 2.5 mm outer jacket is constructed with low smoke zero halogen (LSZH) cable materials from GiHCS® optical fibers. They are appropriate for indoor riser installations in enclosed or sealed locations. These cables are crimp and cleave compatible with ST or SC connectors. LSZH materials also offer a wider operating temperature range than comparable HCS cables.



[Optical Properties](#) | [Cable Design](#) | [Installation and Usage Specifications](#) | [Fire Safety Testing](#) | [Ordering Information](#) | [Typical Applications](#) | [Crimp & Cleave Compatibility](#)

Optical Properties

Type	Multimode Graded-Index
Attenuation	@ 1300 nm, ≤ 1.5 dB/km @ 850 nm, ≤ 3.5 dB/km
Fiber Specifications	F16496 , 50 μm GiHCS® Optical Fibers

Cable Design

Fiber Core Diameter	50 µm
Fiber Geometry	50/200/230 µm
Construction	Zipcord
Specialty Testing [Cyclic flexing]	> 50,000 cycles
Sub-Unit Diameter	2.5 mm
Outer Cable Diameter	2.5 x 5.2 mm
Cable Weight	11 kg/km
Outer Jacket Color	Orange
Outer Jacket Material	LSZH
Strength Member	Aramid Yarn

Installation and Usage Specifications

Installation Load Maximum	165 lb 734 N
Operating Load Maximum	85 lb 378 N
Minimum Bend Installation	38 mm
Minimum Bend Operating	25 mm
Operating Temperature	-20 to +80 °C
Storage Temperature	-20 to +80 °C
Intended Location	Indoor

Fire Safety Testing

Qualified to the following US, Canadian and International Standards

Qualified to the following US, Canadian and International Standards. OFSNR/FT-4 Riser, US and Canadian UL 1666, Flammability IEC 60332-3 (for zipcord, 2-fiber & 4-fiber cables), smoke density IEC 61034, Halogen Gas Emissions IEC 60745-1, Acid Gas Emissions IEC 60745-2

Ordering Information

Product Description Code	HCU-MF050T-A02ZZ
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 #	C26642
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

Typical Applications	Electrical Substation Automation and Controls Factory Automation Industrial Networks Railway Station Automation and Controls Windpower Automation and Controls
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Crimp & Cleave Compatibility

Crimp & Cleave Compatibility	SC Connectors SMA Connectors ST Connectors
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