



A Furukawa Company

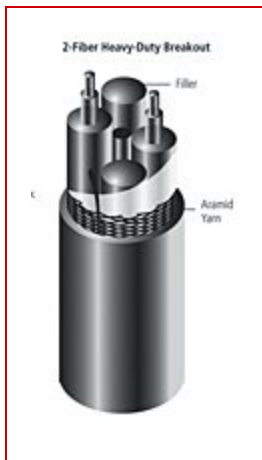
Your Optical Fiber Solutions Partner®

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Item # C26138, 2-Fiber Waterblocked LSZH 50/200/230/500 Breakout GiHCS® Cable

This versatile low smoke zero halogen (LSZH) 2.2 mm cable, based on GiHCS fiber, has a broader range of installation environments than either indoor or outdoor cable. LSZH construction makes this suitable for indoor riser installations in enclosed or sealed locations. Sufficiently insulated to endure the transition areas from the indoors to the outdoors, such as at electrical substations, or poorly insulated semi-outdoor locations, such as wind turbine towers. Moisture and fatigue resistant and

[+ more](#)



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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 μ m
Fiber Geometry	50/200/230/500 μ m
Construction	2-Fiber Waterblocked
Specialty Testing [Cyclic flexing]	> 500 cycles
Outer Cable Diameter	8.0 \pm 0.4 mm
Cable Weight	< 70 kg/km
Outer Jacket Color	Black
Outer Jacket Material	LSZH

Installation and Usage Specifications

Installation Load Maximum	530 lb 2358 N
Operating Load Maximum	265 lb 1179 N
Minimum Bend Installation	120 mm
Minimum Bend Operating	80 mm
Operating Temperature	-20 to +80 $^{\circ}$ C
Storage Temperature	-40 to 80 $^{\circ}$ C
Intended Location	Indoor Outdoor

Fire Safety Testing

Qualified to the following US, Canadian and International Standards

OFNR, US and Canadian UL 1666 and FT-4. IEC 60332, 60754, 61034 for flame spread, halogen and acid gas evolution, and smoke emissions.

Ordering Information

Product Description Code	HCU-MF050T-V02ZBHD Waterblocked
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 #	C26138
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	Nuclear Power Plants Offshore Marine Platforms Shipboard Systems Wind Turbines
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Crimp & Cleave Compatibility

Crimp & Cleave Compatibility	LC Connectors
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Options

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