



A Furukawa Company

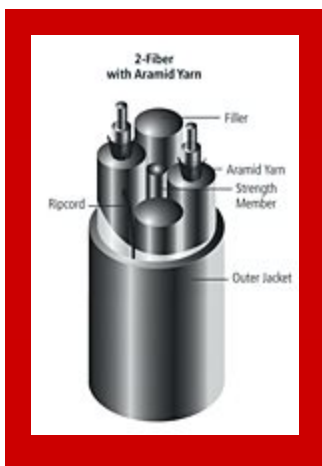
Your Optical Fiber Solutions Partner®

OFS | www.ofsoptics.com

### Item # C26645, 2-Fiber Waterblocked LSZH 62.5/200/230 Breakout GiHCS® Cable

These versatile low smoke zero halogen (LSZH) 2.5 mm cables, based on GiHCS fiber, have a broader range of installation environments than either indoor or outdoor cable. LSZH construction makes them suitable for indoor riser installations in enclosed or sealed locations. They are also 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.

+ more



[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, ≤ 2 dB/km @ 850 nm, ≤ 4 dB/km
Fiber Specifications	<u>F14404</u> , 62.5 μm GiHCS® Optical Fibers

Cable Design	
Fiber Core Diameter	62.5 μm

<b>Fiber Geometry</b>	62.5/200/230 $\mu$ m
<b>Construction</b>	2-Fiber Waterblocked
<b>Specialty Testing [Cyclic flexing]</b>	> 500 cycles
<b>Sub-Unit Diameter</b>	2.5 mm
<b>Outer Cable Diameter</b>	8.0 mm
<b>Cable Weight</b>	45.0 kg/km
<b>Outer Jacket Color</b>	Black
<b>Outer Jacket Material</b>	LSZH
<b>Strength Member</b>	Aramid Yarn

### Installation and Usage Specifications

<b>Installation Load Maximum</b>	310 lb 1379 N
<b>Operating Load Maximum</b>	155 lb 689 N
<b>Minimum Bend Operating</b>	80 mm
<b>Operating Temperature</b>	-20 to +80 $^{\circ}$ C
<b>Storage Temperature</b>	-20 to +80 $^{\circ}$ C
<b>Intended Location</b>	Indoor Outdoor
<b>Minimum Bend Installation</b>	120 mm

### Fire Safety Testing

<b>Qualified to the following US, Canadian and International Standards</b>	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

<b>Product Description Code</b>	HCU-MF062T-A02ZB
<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 #**

C26645

**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

**Crimp & Cleave Compatibility**

**Crimp & Cleave Compatibility**

SC Connectors  
SMA Connectors  
ST Connectors