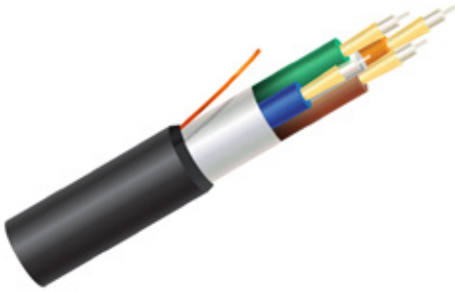


## 4-Fiber Waterblocked 2.2 mm 200 $\mu$ m LSZH Step-Index HCS<sup>®</sup> Fiber Optic Cable

P/N: C21061



### Overview

These versatile low smoke zero halogen (LSZH) 2.2 mm cables, based on HCS 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. These cables are crimp and cleave compatible with V-Pin connectors. They are moisture and fatigue resistant and extremely durable. LSZH materials also offer a higher operating temperature range than comparable HCS cables.

### Typical Applications

Nuclear Power Plants  
Offshore Marine Platforms  
Shipboard Systems  
Wind Turbines

Product Specifications	
Product Description	4-Fiber Waterblocked 2.2 mm 200 $\mu$ m LSZH Step-Index HCS Fiber Optic Cable
Physical Characteristics	
Construction	4-Fiber Waterblocked
Fiber Core Diameter	200 $\pm$ 4 $\mu$ m
Outer Cable Diameter	8.0 $\pm$ 0.4 mm
Cable Weight	< 70 kg/km
Outer Jacket Material	LSZH
Outer Jacket Color	Black
Specialty Testing (IEC 754-2 Acid Gas - Halogen Content)	Passes
Specialty Testing (IEC 332-3 Flammability Rating)	Passes
Specialty Testing (Cyclic Flexing)	> 50,000 Cycles
Crimp & Cleave Compatibility	V-Pin Connectors
Optical Characteristics	
Type	Multimode Step-Index
Attenuation @ 850 nm	$\leq$ 10 dB/km
Mechanical and Environmental	
Installation Load (Maximum)	90 lb. (400 N)
Operating Load (Maximum)	45 lb. (200 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
Order by Part Number	<b>C21061</b>
Product Description Code	HCP-M0200T-V04ZB Waterblocked
<b>OPTIONS:</b> Also available in breakout construction with up to 18 sub-units, jacket color, outer jacket material, print legend, terminated assemblies	
<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.	

**For additional information please contact your sales representative.**

You can also visit our website at [www.ofsoptics.com](http://www.ofsoptics.com) or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



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