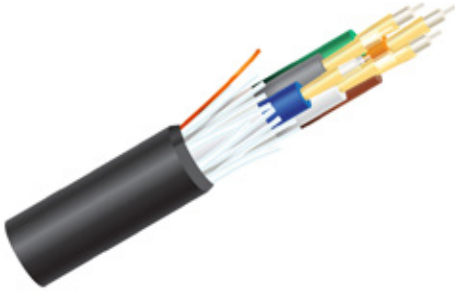


## 6-Fiber Glass Armored 200 $\mu$ m LSZH Step-Index HCS<sup>®</sup> Fiber Optic Cable

P/N: C21057



### Overview

These versatile low smoke zero halogen (LSZH) 2.5 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 ST or SMA 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



A Furukawa Company

# 6-Fiber Glass Armored 200 μm LSZH Step-Index HCS® Fiber Optic Cable

P/N: C21057

Product Specifications	
Product Description	6-Fiber Glass Armored 200 μm LSZH Step-Index HCS Fiber Optic Cable
Physical Characteristics	
Construction	6-Fiber Waterblocked Glass Armored
Fiber Core Diameter	200 ± 4 μm
Sub-Unit Diameter	2.5 ± 0.2 mm
Outer Cable Diameter	11.5 ± 0.4 mm
Cable Weight	< 125 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)	Not Tested
Specialty Testing (Cyclic Flexing)	N/A
Crimp & Cleave Compatibility	SMA and ST Connectors
Optical Characteristics	
Type	Multimode Step-Index
Attenuation @ 850 nm	≤ 8 dB/km
Mechanical and Environmental	
Installation Load (Maximum)	750 lb. (3336 N)
Operating Load (Maximum)	375 lb. (1668 N)
Minimum Bend Installation	173 mm
Minimum Bend Operating	115 mm
Operating Temperature	-20 to +80 °C
Storage Temperature	-40 to +80 °C
Intended Location	Indoor/Outdoor
Order by Part Number	<b>C21057</b>
Product Description Code	HCP-M0200T-A06ZB

**OPTIONS:** Also available in breakout construction with up to 18 sub-units, jacket color, outer jacket material, print legend, terminated assemblies

**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.

**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.



Copyright © 2019 OFS Fitel, LLC.  
All rights reserved, printed in USA.

OFS Marketing Communications  
Date: 12/19



HCS is a registered trademark of OFS Fitel, LLC. OFS reserves the right to make changes to the prices and product(s) described in this document at any time without notice. This document is for informational purposes only and is not intended to modify or supplement any OFS warranties or specifications relating to any of its products or services.